

QCWA NEWS

Volume 34, Number 1

Spring, 1985



QCWA
From Spark to Satellite
SALUTES
Its Distinguished Members
Conferred the Fellowship
Honor

by
RADIO CLUB of AMERICA
November 16, 1984

TAIZO ARAKAWA	N2ATT
FRANK BORSODY	K4EC
ED BRADDOCK	W1XV
A. J. F. CLEMENT	W6KPC
ARCHIBALD DOTY, Jr.	K8CFU
GERALD GOLDBERGER	W9MLF
LUTHER PULLY	W5JIZ
JOHN D. RYDER	K4IHX

NOMINEES FOR OFFICE QCWA 1985 ELECTION

FOR THE OFFICES OF:

President - Leland Smith, W5KL
Vice-President - Ethel Smith, K4LMB
Secretary - Jim Walsh, W7LVN
Treasurer - Wes Randles, W4COW

FOR THE OFFICES OF DIRECTOR:

Larry Evans, W2BBK
Gerhard Jacoby, DL3ME
Lew Sieck, K4NE
Jim Gundry, W4JM
Elbridge Charlton, W5MD
Arther Kay, W5APX
Harry Gartsman, W6ATC
Clyde Rothstein, W8QHM
Travis Baird, W9VQD
Leo Meyerson, W0GFQ

See material on each candidate in this issue of QCWA NEWS. Be sure and root for your favorite candidate, don't leave it to Pete!

QCWA WORLD-WIDE RADIO NETWORK

SSB Sunday 2000 UTC
14347 kHz W6FQ

CW Wednesday 0100 UTC
7035 kHz W2JBL/W9CV

QUARTER CENTURY WIRELESS ASSOCIATION, INC.
1409 COOPER DR. IRVING, TEX. 75061-5527

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

Volume 34, No. 1

Spring, 1985

QUARTER CENTURY WIRELESS ASSOCIATION

OFFICERS 1984-1985

Stuart Meyer,	W2GHK	President
Leland Smith,	W5KL	Vice President
James Walsh	W7LVN	Secretary
Wes Randles	W4COW	Treasurer

DIRECTORS

Ethel Smith,	K4LMB
Leo Meyerson,	W0GFQ
Arthur Kay,	W5APX
Gerhard Jacoby,	DL3ME
Harry Dannals,	W2HD
Lew McCoy,	W1ICP
Esther Given,	W6BDE
Wade Holland,	W4AZT
Hugh Winter,	W5HD
John Kanode,	N4MM

What's Inside

Candidates for Election, 1985	pp 4-7
In Memory of Our Friends	8
QCWA 1985 Fall Convention Announced	9
QCWA Building Fund Authorized	13
Index to QCWA Chapter news	14
Canadian/Mexican Membership Reclassification	28

HEADQUARTERS STAFF

Ted Heithecker	W5EJ	General Manager
J. R. Neelands	W6DLL	Books and Publications
Harry Neben	W9QB	Funtest Editor
Nadine Wells	W5ZUT	Office Secretary
Clarence King, Jr.	K6HPW	Life Membership Records
Joseph E. Ash	W9ODV	Cartoonist
John Champa	K8OCL	Satellite Editor
Herb Lipson	W8FBH	Computer Editor

QCWA NEWS, Published by QUARTER CENTURY WIRELESS ASSOCIATION, INC., 1409 Cooper Drive, Irving, TX 75061, under authority of the Board of Directors.

Edited by: Ted Heithecker, W5EJ

Mailed as 3rd class material, Dallas, Texas, Permit number 8167.

QUARTER CENTURY WIRELESS ASSOCIATION WAS FOUNDED DECEMBER 5, 1947, AND IS INCORPORATED IN THE STATE OF NEW YORK, AS A NOT-FOR-PROFIT ORGANIZATION.

Permission to reprint is granted. Credit QCWA & authors, where identified.

QCWA HONOR AWARDS

QCWA HALL OF FAME

1979	Mr. Ray Meyers, W6MLZ
1980	Mr. Bill Halligan, W9AC
1981	Mr. Barry Goldwater, K7UGA
1982	Mr. Jean-B. Wolff, LX1JW
1983	Mr. Don Wallace, W6AM

JOHN DiBLASI AWARD

1984	Mr. Hal Sears, W5NC
------	---------------------

ROLL OF HONOR

1980	Mr. John DiBlasi, W2FX
	Mr. Gus Girona, W2JE

MEMBER OF THE YEAR

1979	Mr. Ed Trombley, W8CAM
	Mr. M. W. McRae, W9RC
1980	Mr. Lew Sieck, K4NE
1981	Mr. Herb Gleed, W6FQ
1983	Mr. Bert Gunn, W5FU

PAST PRESIDENTS

John DiBlasi, W2FX*	1947-1964
Earl R. Thomas, W2MM*	1965-1968
Clarence Seid, W2KW	1969-1971
Barry Goldwater, K7UGA	1972-1973
Frank A. Gunther, W2ALS	1974-1977
Harry S. Gartsman, W6ATC	1978-1981

EXECUTIVE SECRETARY/GENERAL MANAGERS

Ralph G. Barber, W2ZM*	1955-1964
Gus Girona, W2JE	1965-1973
Ethel Smith, K4LMB	1974-1976

HONORARY MEMBERS

George Sterling, W1AE	Peaks Island, Maine
Herbert Hoover, Jr., W6ZH*	San Marino, CA
Paul Godley, 2ZE*	Great Notch, NJ
Richard E. Wiley	Arlington, Virginia
Rosel H. Hyde	Washington, D. C.
Col. W. J. Baird	Alexandria, Virginia
Robert E. Lee	Washington, D. C.

*Deceased

BOARD OF DIRECTORS APPOINTEES

Onie Woodward, W1ZEN	Activities Manager
----------------------	--------------------

FIRST YEAR OF LICENSING

The QCWA Board of Directors authorized Headquarters to review membership status of every living member to make a determination of their first year of licensing as an Amateur. The work is approximately 75% done. Each QCWA mailing label has the year displayed, if determined, at the upper RH corner of the label there may be two digits such as 26.. indicating that QCWA has established your first year of licensing as 1926. If you disagree with our finding, write providing proof of error & the year will be revised to show the corrected value.

FROM THE EDITOR

REGULAR BUSINESS MAIL, DUES, GENERAL CORRESPONDENCE, ALL REPORTS, QCWA NEWS MATERIAL, LETTERS TO THE EDITOR, ANY COMPLAINTS, AND SO FORTH SHOULD BE SENT TO: QCWA, INC., 1409 COOPER DRIVE, IRVING, TEXAS 75061-5527! THANKS!

QCWA MEMBERS ASKED TO PROVIDE ASSISTANCE!

Woodruff T. Sullivan, III, Associate Professor of Astronomy at the University of Washington, Seattle, has asked for our help. Will all QCWA members do what they can to assist. If you come up with clues, or direct assistance, write to Professor Sullivan, with a copy to HQ. Here is Professor Sullivan's letter:

Dear Sirs: I am a radio astronomer & historian of science currently writing a book for Cambridge University Press, based on a decade of research, on the early development of radio astronomy. Radio amateurs, particularly in England, played an important role in the discovery of the radio sun during the late 1930s. During the solar maximum of 1935-37 many of them, in particular Denis Heightman (G6DH), studied the strange hiss often associated with the newly recognized phenomenon of sudden shortwave fade-outs. Although these studies convinced them that the short-wave radiation was being emitted directly by the sun, and that it was not a secondary effect, say of particles from the sun, their antennas lacked the directivity to demonstrate that fact. It was not until World War II that James Hey, in embattled England, finally did (accidentally) make the definite discovery of radio waves emitted by a great solar outburst in February, 1942.

I am writing to ask whether readers of QCWA NEWS could send me any further information on detection and study of this hiss before World War II, in particular for the previous solar maximum in the late 1920's, when I have heard that the hiss was indeed picked up by amateurs, but I have no specific citations or other testimony. R. A. Ham has written an interesting article on the work of Heightman and other amateurs: "The hissing phenomenon", J. Brit. Astronomical Assn. 85, 317-23 (1975). I would appreciate it very much if you could publish a letter asking for readers to send any information, in particular from the late 1920's to me.

/s/ Woodruff T. Sullivan III

Address to: Department of Astronomy FM-20, University of Washington, Seattle, WA 98195....USA.

QCWA MEMBERSHIP DUES SCHEDULE, EFFECTIVE JANUARY 1, 1984

Term of Membership	US Members	Mexico & Canada	Members Overseas	Family Members
3 Years	\$25.00	\$34.00	\$17.00	\$10.00
2 Years	\$20.00	\$26.00	\$15.00	-
1 Year	\$12.00	\$15.00	\$10.00	-
Life	\$125.00	\$170.00	\$85.00	\$50.00
LTP*	\$135.00 (3 @ \$45)	\$180.00 (3 @ \$60)	\$95.00 (35, 30, 30)	\$60.00 (3 @ \$20)

*If Life Time Pay programs are not completed in one year all funds received are used to extend regular membership at the 3-year term rate.

New members are required to pay a one-time \$3.00 charge as initiation fee, in addition to the schedule of dues above!

MEMBERSHIP FEES MUST BE PAYABLE IN U. S. FUNDS ONLY!

HUGH WINTER, CHM OF THE AWARDS COMMITTEE ASKS ALL QCWA MEMBERS TO NOMINATE MEMBERS FOR THE PRESTIGIOUS QCWA HONOR AWARDS - DO IT TODAY ! ! !

QCWA OFFICERS - DIRECTORS

Stuart Meyer, W2GHK, President	703 281 3806
2417 Newton Str., Vienna, VA 22180	
Leland Smith, W5KL, Vice President	501 428 5967
Box 115, Rte 3, Jasper, AR 72641	
Jim Walsh, W7LVN, Secretary	503 344 3321
159 East 16th Street, Eugene, OR 97401	
Wesley Randles, W4COW	813 870 0867
6002 North Fremont St., Tampa, FL 33604	
Ethel Smith, K4LMB, Director	703 356 8469
2012 Rockingham Str., McLean, VA 22101	
Leo Meyerson, W0GFQ, Director	619 321 1138
69911 Via Del Sur, Cathedral City, CA 92234	
Esther Given, W6BDE, Director	415 728 3110
117 La Granada, Moss Beach, CA 94038	
Wade Holland, W4AZT, Director	803 233 8551
P. O. Box 116, Greenville, SC 29602	
Gerhard Jacoby, DL3ME	0 8152-6009
Widdersberger Str 40, D 8138 Andechs, FRG	
John C. Kanode, N4MM	703 367 4438
RFD 1, Box 73A, Boyce, VA 22620	
Arthur Kay, Jr., W5APX	409 982 5029
3836 Avalon Ave., Port Arthur, TX 77640	
Lewis McCoy, W1ICP	505 388 4862
200 Idaho Str., Silver City, NM 88061	
Hugh Winter, W5HD	505 293 5735
Box 14812, Albuquerque, NM 89191	
Harry Dannals, W2HD	516 549 5131
16 Arbor Lane, Dix Hills, NY 11746	

HIGH-LIGHTS OF HQ ACTIVITIES

JANUARY

Jan 7; All candidate nomination with material for publication at HQ.

Jan 10; Deadline QCWA NEWS

FEBRUARY

Feb 10; QCWA News to Prntr
Feb 20; QCWA News to Mailer

MARCH

Mar 15; deadline QCWA NEWS

APRIL

Apr 30; QCWA NEWS to Prntr

MAY

May 10; QCWA NEWS to Mailer
May 15; Deadline QCWA ballot in the mails*

JUNE

*Absolute deadlines all other dates subject to minor variables.

Jul 20; Deadline Material for QCWA NEWS

Jul 30; Polls close at 2400Z

AUGUST

Aug 5; Tellers Report to GM

Aug 10; GM notifies candidates by telephone

Aug 25; QCWA NEWS to Prntr

SEPTEMBER

Sep 20; Deadline Material for QCWA NEWS

OCTOBER

Oct 1; Report Nom. Comm. to Sec. & GM

Oct 25; QCWA NEWS to Prntr

Oct 30; Call for mbr nominations, QSO Pty Rules,

NOVEMBER

DECEMBER

Dec 31; Mbr petition deadline to Secretary*

THE QCWA 1985 NATIONAL CONVENTION INFORMATION WILL APPEAR IN THE SUMMER QCWA NEWS. PRE-REGISTRATION FORMS, PROGRAM AND ALL INFORMATION WILL BE FINALIZED BY THAT TIME. WATCH FOR IT!

CANDIDATES FOR 1985 QCWA ELECTION

The QCWA Nominating Committee, headed by Frank Lester, W4AMJ, provided a slate of Candidates for 1985 Elections. Subsequently a number of candidates were nominated by petition to provide the list presented herein. Our thanks go to those who worked to establish the slate, and to the Candidates, each of whom has signified interest and willingness to serve, if elected. Study their statements, and keep this material for reference. Ballots will be mailed to all eligible members no later than May 15, 1985. The polls will close July 31, 1985, at midnight.

For the Office of President



Leland Smith, W5KL - Extra Class license and continuously licensed since 1930, with Amateur First Class in 1932. Extra Class 1952. Radiotelephone and Second Class Radiotelegraph licenses. Previous call held are: W4AGI, W4YE, W3JJQ, K6CN. Am active on all HF and VHF bands, SSB, CW and FM.

Major interests are QCWA, Traffic, nets, ragchewing. Hold DXCC and 40 WPM code proficiency from ARRL.

Earned BA and MA degrees. Enlisted as private in Marine Corps, serving through WW-II and Korea. Retired as brigadier general. Leland enrolled in the Civilian Conservation Corps (CCC), in 1933 and retired as a Federal Executive in 1970. He is active as officer or director in numerous charitable and non-profit organizations. Served two years as a director and four years as vice-president of QCWA.

"I believe the original intention of QCWA founders is still paramount, that we should diligently respect and respond to our members, promote our scholarship program and react to FCC rule-making notices as appropriate when the welfare of QCWA and/or Amateur Radio in general is at issue".

For the Office of Vice President

Ethel Smith, K4LMB, National QCWA Director, 1981 to the present time, formerly Executive Secretary/General Manager of QCWA, 1974-1976, is not related to presidential candidate Leland Smith, W5KL, but an admirer of his. Ethel has done much to promote democracy in QCWA and is anxious to encourage closer ties between the National Association and Chapters and membership. She is active in the Vic Clark Chapter (Northern Virginia), the Washington, DC Chapter and in QCWW. Ethel holds an Advance Class license.



First licensed in 1936 as W7FWB, she has been actively involved in Amateur Radio ever since. She has received a number of honors and awards including the 1972 Roanoke Division Service Award and the 1984 Dayton Hamvention Special Achievement Award. Charter Life Member ARRL, and currently Assistant Director, Roanoke Division. Founding member YLRL. Ethel retired from the Navy Department in 1969 as a GS-13 Electronic Intelligence analyst after 28 years of civilian service. Attended University of Utah and took courses through the University of Maryland but did not obtain a degree. Now 68 years of age, married to W4TE.

"I have no illusions about becoming President of QCWA but would love to have the privilege of working with this great team until a true leader, with experience on the Board, is ready to step up".

For the Office of Secretary



James C. Walsh, W7LVN, first licensed in 1946, holding the Advance Class license. I was appointed to the office of Secretary, serving out the term of Max Arnold, W4WHN, upon his death, in 1983, and am now completing that term.

I have been an active amateur operator since 1946, involved in operating, teaching, repeater groups, club and convention activities in the Northwest. Also one of the active participants in the early operation of SSTV.

I own and operate an insurance agency in Eugene, Oregon, am widowed with three children and one granddaughter.

"The experience of serving as Secretary has been fulfilling and certainly has given me an insight into the working of QCWA. I want to continue contributing to the organization and feel that serving as your Secretary is the best way in which I can do this."

For the Office of Treasurer

Wes Randles, W4COW, born more than 66 years ago, was first licensed in 1933, as W4COW, while living in Florida. He joined Raytheon Company, in Waltham, Massachusetts, as a field engineer in 1943, and retired from that work and Organization in 1980. Wes Holds an Advance Class License and has held the following calls: W8PEX, KL7CBZ, K1HTK.



Wes was one of the organizers of Yankee Chapter, No. 112, in New England and has served several years as Activities Manager for QCWA. He is completing his first full term as Treasurer of QCWA. Wes is highly active in New England during the summer months, and in all QCWA activities in Florida during the winter season.

"I believe in QCWA, what it stands for and in the work it does to advance the image of Amateur Radio. I have a firm desire to continue to help in the growth and strength of the Organization. If elected, I pledge to continue to do all that I can to serve QCWA and its membership".

THE PICTURES AND INFORMATION APPEARING IN THIS ISSUE OF QCWA NEWS WILL NOT BE REPEATED WHEN BALLOTS ARE SENT TO ALL ELIGIBLE MEMBERS IN MAY, 1985. WE URGE YOU TO SAVE THIS MATERIAL SO THAT YOU MAY REFRESH YOUR MIND WHEN THE TIME COMES TO CAST YOUR BALLOT. THE ACTUAL BALLOT WILL HAVE ONLY A BRIEF RECAP OF INFORMATION TO IDENTIFY CLEARLY EACH CANDIDATE.

THE CENTRAL OKLAHOMA CHAPTER OF QCWA WILL BE TELLERS FOR THE 1985 QCWA ELECTIONS.

SAVE! You'll want this for reference when you VOTE!

CANDIDATES FOR 1985 QCWA ELECTION

For the Offices of Director (5)

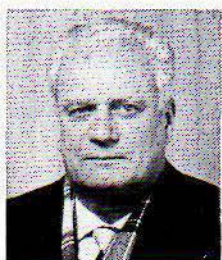
J. Lawrence Evans, Jr., W2BBK, first licensed as W2BBK in 1928, QCWA Member #577 (1953), QCWA Century Club. Past President of Northern New Jersey Chapter and currently NCS for the Northern New Jersey Chapter of QCWA.

Lawrence is a member of VWOA, the Radio Club of America, SOWP, OOTC, DXCC (307 countries), and ARRL. He is active on all bands and has held DXpedition calls: FS7AA, FP8AK, ZF1ES, FJ5MJ, PJ8AA and VP2ES.



Lt. Col. M.C. USAR (Ret.) Two Bronze Star Medals. Chief of Rorce Radio Section and Force Surgeon, Mindanao, Guerrillas, Philippine Islands, 1943-45 (Allied Intelligence BureauP).

Diplomate, American Board of Psychiatry and Neurology. Life Fellow, American Psychiatric Association for "Significant Contributions" to psychiatry. Past President, N. J. Neuropsychiatric Association and N. J. District Branch, American Psychiatric Association. Former Chief, Neuropsychiatric Service, Englewood, N. J. Hospital. Co-author "A Psychiatric Glossary". Currently in private practice of neurology and psychiatry, Senior Active Staff, Englewood Hospital. Partner and Corporate Secretary, HES, Inc. (a health care and consultant corporation).



Gerhard was born in 1911, in Berlin, attending high-school in 1926/27, where, with a friend, he constructed and ran a fully illegal broadcast station. The local papers praised our music and classical play program given by students. In 1927, a very old man (40) located us busily broadcasting. He informed us that the Postal Officers were, until now, looking in vain for us, and invited us to join the ranks of amateur operators.

I was first licensed as ED4AT, later D4AT. During the Hitler time, I finished my studies in law, taking my first degree in 1933, and Doctor at Law in 1935. I worked with Siemons and Halske until 1940, when I was joined to the German Army as radio operator and code instructor serving in Bulgaria, in Greece, Africa and France. I was discharged in 1945. During 1948-51, I served with the High Commission of Germany, in Frankfurt, as legal advisor and in 1951, became the Vice President and head of a legal department of a group of CPAs in Munich.

My present grade of license is equivalent to Extra Class. I have served as Director in DARC for 4 years. In 1971 I joined QCWA at SAROC, and in 1978, became Vice Chairman of the German Chapter. I am a member of OOTC, ARRL and DIG.

I have served as Director for QCWA for the past two years and have attended meeting of the QCWA Board of Directors during that time. I have served as International Liason Chairman for QCWA. If elected, I pledge to take an active part in the affairs of the Organization!

QCWA IS FORTUNATE TO HAVE A WONDERFUL GROUP OF MEN AND WOMEN WHO HAVE SIGNIFIED THEIR WILLINGNESS TO SERVE. NOW, EACH MEMBER MUST SHOULDER HIS OR HER RESPONSIBILITY, ACQUAINT YOURSELF WITH EACH CANDIDATE'S THOUGHTS AND STATEMENTS REGARDING QCWA & ITS FUTURE. THEN, BE CERTAIN TO VOTE IN THE SUMMER ELECTION. QCWA IS YOURS!



James A. Gundry, W4JM, a native of Pontiac, Michigan, was born May 5, 1918. He has been an Amateur radioman for more than 50 years, hold calls: W8BW, W8KNP, W9KNP, W4FQX, KA1AA, KA1SS (in the Philippine Islands in 1945-46. James holds QCWA Certificate #307 for 50-Years Continuously licensed operation. He is an Extra-Class licensee and holds commercial grade licenses too.

Jim has been an active member of radio clubs in Pontiac, MI, in Cleveland, Milwaukee, Chicago, Dayton, Detroit, Jacksonville, Atlanta and Lakeland, FL. He has held officer positions in QCWA Chapters in Atlanta and Lakeland. He is an ARRL Life Member with 50 years tenure. He has been ORS, RM OPS and ASCM. He is presently Assistant EC for Polk County Florida.

Jim has six years active duty with U. S. Army Signal Corps and General Staff Corps during WW-II. Finished his Army career as Director of Training, Signal Corps School, Western Pacific, Manila, PI. He has been employed 19 years in sales and market, Pontiac Motor Division, GM Corp., 2 years Assistant General Service Manager, Edsel Division, Ford Motor; 20 years, Field Account Supervisor (Chrysler Corporation Account), Young & Rubicam Advertising Agency. Teaching experience includes Signal Corps Officer Candidates, General Motors Institute; Ford Motor Company Marketing Institute and Florida Southern College at Lakeland.

Jim is now retired and active on all bands, phone and CW operation.



Lew Sieck, K4NE, is a graduate Engineer with the Degrees of Bachelor of Science, EE, in 1932; Master of Arts, in 1933, and Master of Science in 1936, from Washington University and MIT. He retired from the USAF and Civil Service in 1968. Lew holds seven patents on communication and radar instrumentation. He is a member of ARRL, SOWP, OOTC, and a Fellow in AIAA and is a Shriner!

Lew was born in St. Louis, and first licensed as 9BA0, when he was 12 years old (1921). He is past Chairman of the Florida Council of QCWA Chapters, was Treasurer and Coordinator for the 1974 QCWA Convention held at Orlando, Secretary and Treasurer of Gator Chapter, and has been Editor of QCWA news, appearing in "Florida Skip". He is past President of the Washington, DC Mobile Radio Club and of the St. Petersburg Amateur Radio Club. He is President of OOTC. He operates on all bands, 2 to 160 meters, and holds an Extra Class License!



Arthur P. Kay, Jr., W5APX, born June 1, 1909, at Bell Buckle, TN, became interested in radio at age 12 and built crystal detector on ice-cream container. Family moved to Florida and leaned the code while listening to coast station WPD communicate with ships. Was issued the call 4ACC, in December 1926. I also passed the commercial second class operators license examination.

Graduated from Hillsborough High, Tampa, FL, in 1927 and was assigned job as radio operator on steam tug Edgar F. Coney. Was ship-wrecked on trip and did not like sea life so went to work for Florida's pioneer broadcast station, WDAE.

CANDIDATES FOR 1985 QCWA ELECTION

The depression hit and I was one of those laid off, so went to Texas and was hired by Beaumont Texas Police and helped construct police radio station KGPJ. Was issued the call WSAFX, in Beaumont. Then, as the depression worsened, even part-time work was cut off, so was lucky to get a job with U. S. Coast and Geodetic Survey as marine radio operator. After a year, was recalled to Beaumont Police and stayed there through 1946. Built a broadcast station in 1947 and was part owner but went broke in a year, so started a marine and two-way radio business.

Am president of Kay Electronics, Inc., of Port Arthur, and of Kay Radio & Electronic Service of Alexandria, LA, servicing Motorola Communications equipment. I hold amateur Extra Class license as well as Radio Telegraph First and Radio Telephone First class licenses. Am a life member of ARRL, member of QCWA, Life member Texas Rifle Assoc., and member of NRA and SOWR.

"If elected, I will try to build a stronger amateur radio service utilizing the long experience of QCWA-ARRL members and the ARRL working in harmony. This should enhance our standing with governmental regulatory bodies."

Elbridge B. Charlton, W5MD, born October 6, 1923, in Baton Rouge, Louisiana. Attended LSU for two years, then enlisted in US Navy in December, 1942. Was assigned to Naval Armed Guard unit and spent entire war aboard armed merchant ships in convoy as both a radio-man and signalman. Released to inactive duty in December, 1945. Employed as a Laboratory technician for Ethyl Corporation, in Baton Rouge in 1946. "El" was recalled to active duty in 1950 for the Korean War. While in the Navy Yard, Philadelphia, obtained General Class license, W5WQX. Was released to inactive duty in 1952 and returned to Baton Rouge and the Ethyl Corporation. Obtained the Extra Class license in 1954 and the call, W5MD, in 1978.

El's family consists of his XYL, Gloria, five children and 8 grand-children. He operates almost entirely CW and enjoys a long rag-chew. Retired from the USNR in 1969 and from the Ethyl Corporation in December of the same year. Old fashioned and enjoy using a straight key and wearing cans, and like to swap QSL cards. Am a member of ARRL, OOTC, SOWP and the Long Wave Club of America, but, QCWA is my first love and the most important.

"I would be honored to serve as Director for QCWA and would work hard to see QCWA grow and our membership and goals come closer together."

Harry S. Gartsman, W6ATC, born February 2, 1916, at Chicago, IL. Educated at Hyde Park High School & University of Illinois and Armour Institute of Technology, 1929-1935. Joined Boy Scouts of America in 1929 and became Licensed Amateur in 1933 - W9OFZ.

Harry established a manufacturing business, 1938-41 supplying audio equipment of Sears and Montgomery Ward for their catalog items. Immediately after Pearl Harbor, received invitation to join FBI, FCC, CAA and U.S. Navy because of my holding licenses and my business experience. Became Ass't Resident Inspector of Naval Material at the Western Electric Hawthorne, IL plant for the duration of WW-II. At the end of the war, was selected as



the only U.S. Navy civilian at Western Electric to serve with the U.S. Navy Officer termination team, to dispose of over thirty-one million dollars of military electronic equipment.

Came to California in 1945 and established Alavaradio Industries in 1946. Have operated the same company to date, supplying military electronic systems from the UK to Norway including all of NATO and France, and at present, support Turkish Navy on a U.S. Navy Aid contract.

Past President of QCWA, serving two terms as VP to Barry Goldwater, Sr., and Frank Gunther, and two 2-year terms as President. Am a Fellow & Member of Radio Club of America, Life Member, ARRL, AMSAT, RSGB and many other national and international organizations.

I have held Radio Telephone First Class license since 1938, and Radio Telegraph Second Class since 1939, and currently hold Advance Class license, W6ATC.



Clyde Rothstein, W8QHM, Secretary-Treasurer Cleveland Chapter 1, resides in Chagrin Falls, OH, 30 miles southeast of Cleveland. Clydes home is in snowbelt and maple syrup area of northeast Ohio and is considered a part of the Chagrin River Valley area. He has resided on his 3-acre tract of land for 30 years.

Clyde Rothstein, W8QHM, Secretary/Treasurer Cleveland Chapter 1, resides in Chagrin Falls, OH, 30 miles southeast of Cleveland. Clyde's home is in the snowbelt & maple syrup area of northeast Ohio and is considered a part of the Chagrin River Valley area. He has resided on a 3-acre tract for 30 years.

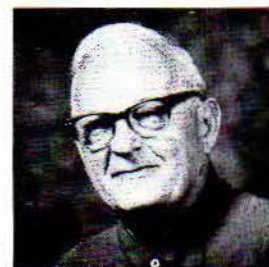
Born in Cleveland, 66 years ago, Clyde attended all required schools plus a technical school on electricity and electronics. As a licensed electrician he supported and educated his children, purchased his home and is now retired. During WW-II, Clyde served four years in six theaters of operation as an airborne infantryman and engineer. He was honorably discharged December 25, 1945. Married 42 years, has two sons and one daughter. One son is a Doctor of Physics and Astronomy.

As an Amateur Radio Operator, member of QCWA #3146, since May, 1962, Clyde has been licensed continuously and held the call, W8QHM, since 1936. He has been active on all bands, CW and phone. He has been president and delegate representing numerous local Cleveland area radio clubs for many years.

Clyde is quoted as saying "I feel that I can best serve QCWA by representing the Amateur's in numerous ways. One of the ways being preservation of existing frequencies and upholding the regulations vital to the benefit of the Amateur Radio Service. Specifically, I believe the FCC should be the only authority on all Amateur Radio Service antenna supporting structures."

J. Travis Baird, W9VQD, obtained his license and call in September, 1935, and held it without interruption since. A year later passed the phone advancement license, forerunner of today's advance class license. Since 1946 I have been a continuous member of ARES. Am active on 75 and 2 meters and gathering equipment for 439.25 MHz ATV.

I am a graduate engineer, University of Wisconsin, in 1938. Post-graduate courses, Illinois Tech, Harvard and North-



CANDIDATES FOR 1985 QCWA ELECTION

eastern during WW-II. Designed distribution transformers - line material; Assistant Electrical Engineer, Underwriters Laboratories; Staff - U.S. Navy Underwater Sound Laboratory New London; U.S. Navy Radar field technician in Caribbean Theater. After WW-II, returned to Milwaukee. Worked in motor control engineering. After investing in a small color printing business, sold process color printing and lithography. Retired in April, 1984, after 10 years selling copper, brass and aluminum. I am a Life Member ARRL & QCWA (#6932). Was treasurer Wisconsin Chapter #55, for 8 years.

"I would like to see the individual QCWA chapters develop funding plans for scholarships to local colleges or Universities and also strengthen the National QCWA Scholarship Fund. I would also like to see greater effort to cooperate with the ARRL in dealing with the FCC".

Leo Meyerson, WØGFQ, is an active member of QCWA, having served on the Board of Directors since 1977 and has been active in radio since 1927. He was first licensed in 1928. He has been the President of Council Bluffs Radio Operators Club, and is presently a member of Ak Sar Ben Radio Club, AREC, Radio Club of America and of OOTC. Leo was Communications Chief of the Council Bluffs 1952 Flood Disaster, and has been affiliated with the Red Cross and Civil defense activities.



Leo organized World Radio Company, in 1936. This Organization earned the Army/Navy "E" Award during WW-II. He was President of Globe Electronics and Galaxy Electronics, both sold in 1959 and 1970, respectively. He is past President of the Kiwanis Club and United Fund groups in Iowa. In recent years he has provided a complete emergency radio communications center dedicated to the public welfare.

Since 1977, Leo has been Chairman of the QCWA Memorial Scholarship Fund and program. In 1980 he was named a Fellow of the Radio Club of America.

QCWA Memorial Scholarship Report

The QCWA Memorial Scholarship Fund received gifts during the year 1984, totaling 10,517.44. This sum brought the Fund account up to approximately \$46,249.00 as of December 31, 1984.

It had been hoped that the Fund would reach the total of \$50,000 by years end but this was not to be. We've a new chance now to pitch in and get it over the top. Remember, if each member would contribute a single "buck" we'd be in fine shape....that's not enough to bother anyone, to be sure, it'll cost you 22 cents to mail it, but even that isn't too much considering what it will do.

The Fund financed seven scholarships this year. Six are from the General Memorial Fund, one is the Special Award made in the Name of W9LRI. The first QCWA Robert L. Cresap Memorial Scholarship will be awarded during 1985. Remember that a gift totalling \$5000 or more, will insure that the donor will be identified in a special Scholarship annually. Write HQ if added information is required. Eavinia Cresap and her family gave more than \$5300 to the memorial Fund in memory of Robert L. Cresap, W9LRI, who passed away in 1983.

Gifts may be sent to Leo, WØGFQ, or directly to HQ. Do it today!

The Foundation For Amateur Radio



Washington, D.C.

NEWS RELEASE

RELEASE DATE: March 1, 1985

THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with Headquarters in Washington, D.C. plans to award nineteen (19) scholarships for the academic year 1985-86. The Foundation composed of fifty local area amateur radio clubs, fully funds two of these scholarships from the proceeds of its annual Hamfest. It administers without cost to the donors, seven (7) scholarships for the Quarter Century Wireless Association, two (2) for the Dade (FL) Radio Club and one (1) each for the Radio Club of America, the Richard G. Chichester Memorial, the Young Ladies' Radio League, the Edmund G. Redington Memorial, the Amateur Radio News Service, the Columbia (MD) Amateur Radio Association, the Baltimore (MD) Amateur Radio Club and the Lewis W. Wilkinson Memorial.

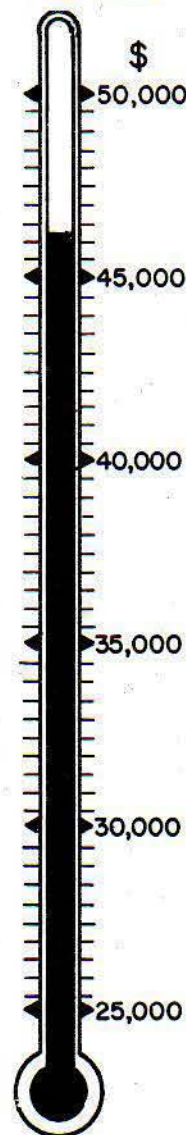
Licensed Radio Amateurs may compete for one or more of these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled or have been accepted for enrollment in an accredited university, college or technical school. Most of the scholarships require the applicant to hold at least an FCC General Class license or equivalent. The scholarship awards range from \$350 to \$900 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs.

Additional information and an application form can be requested by a letter or QSL/postcard, postmarked prior to May 31, 1985 from:

F A R Scholarships
6903 Rhode Island Avenue
College Park, MD 20740

One of the finest hours for QCWA occurred nearly 8 years ago when, at the 1977 QCWA Convention, at Seattle, immediate past President Frank Gunther, W2ALS and President Harry S. Gartsman, W6ATC, spearheaded a drive to modify the QCWA articles of Corporation in a manner which would allow QCWA to become a vehicle for advancement of education through a system of scholarships to be awarded to young men and women. Since that time the Fund established has grown to nearly 50,000 dollars....in great measure through the inspiration of Leo Meyerson, WØGFQ, who has chaired the Fund and worked tirelessly for its advancement. In equal measure the members of QCWA have responded with gifts which have made it possible in 1985 to award seven scholarships, and the end is not in sight. We can, in a very short time achieve our second goal of \$50,000 in the fund and I am urging each member to make a small gift, or large if you have the means, to insure that this happens and soon. The Memorial Scholarship Fund is a monument honoring our Silent Key members - and what better way could it be done than to help the young in memory of the old? Make a small gift consistent with your ability and we will be able to help even more young people in a very short time. Do it for Leo, do it for QCWA, do it in memory of your friends.

FEVER GAUGE



IN MEMORY OF OUR FRIENDS

RAY E. MEYERS, W6MLZ

Ray E. Meyers, W6MLZ, became a Silent Key on December 13, 1984, after attending the OOTC Board meeting in St. Louis, on December 12. The Officers and Board members will miss his wise council. Ray was a distinguished member of the President's Committee on Employment of the Handicapped. He has been a radio amateur since 1910 and has continued for 67 years in this honored society. He also sponsored the International Handicapped net many years ago which composed of 2400 disabled radio amateurs from all over the world. At age 15, he became a telegraph and cable operator in New York City, rising to officer in Charge of CINCPAC Radio Pools under the late Fleet Adm., Chester Nimitz. Retiring from the Navy in 1947.

Ray was with Sir Hulbert Wilkins on that ill-fated trans-polar submarine Nautilus in 1931, I believe out of the 21 members of the crew only one is left today. Ray was an adventurer, columnist and humanitarian and has over the years received many awards for services to the handicapped. In 1960, the President of Italy bestowed upon him, at Genoa, the Columbus Gold Medal for "Outstanding Humanitarian Effort", the only time this high award has been granted to an individual for outstanding services to the handicapped. In 1962 he was recognized by the Los Angeles City Council, and is listed in the first edition of "Who's Who in California." He also holds many decorations, citations and medals for service while serving in the Navy in WW-I and WW-II, as well as brush wars in Mexico, Honduras and Nicaragua. Truly a remarkable and distinguished citizen of the United States. In passing, at many amateur meetings I have attending with him, he regaled us with his piano playing and singing. Ray Meyers, W6MLZ, a dedicated Wireless Pioneer, will long be remembered by his world of friends.

- W2JE -

Amory H. "Bud" Waite, W2ZK

Amory H. Waite, Jr., W2ZK, became a Silent Key on January 15, 1985. Bud was an active amateur for many years having held an amateur license since the early 1920's. He was a member of QCWA, OOTC, Tamiami Radio Club, Venic Squadron of USPG and the N Club.

Bud was a very active explorer and radioman having made eleven expeditions to the Antarctic and twelve to the Arctic. On twenty of these he was leader of the Army Research teams. He also took part in fourteen atomic tests in the states and the South Pacific. Bud was one of three who rescued Admiral Byrd from his five months isolation in 1934. He developed the first radio-ice-depth measuring system that is now used by nine nations.

Bud held the Byrd Congressional Medal, the Exceptional Meritorious Award for Civilian Service, the Army Research Achievement Award, the Marconi Gold Medal and many others.

His most recent recognition came when he was honored at the 50th Anniversary Dinner in Washington with twelve ice-party members of the Byrd Antarctic Expedition II. At that time we was presented a photograph of Admiral Richard E. Byrd, signed by his family, in recognition of Bud's rescue of Byrd. Bud will be missed by his many friends.

- Robert L. Bookwalter, W4NWF -

GEORGE W. HALE, W8OA

Another of QCWA's Old-Timers became a Silent Key October 26, 1984. George was SADO in 1920. He dropped out of ham radio but came back in 1960 as K8VSL. After qualifying for his Extra Class License, he was assigned W8OA.

George was Past President of Cleveland Chapter 1, and his QCWA membership No. was 2869. He was an airplane pilot, with a commercial rating and flew his own plane for many years. We shall miss him very much.

- Paul, W8EFW -

ROLLIE M. TERRILL
W5RC

Rollie M. Terrill, W5RC, born June 23, 1911, at Robinson, Kansas. Attended schools there and Baker University in Baldwin City, Ks. During the depression years, worked as an electrician, radio repairman and whatever else turned up.

Rollie was a born communicator and started working for Braniff Airways in 1937. In 1942, he was moved to Kansas City to work on the Military air cargo/passenger service between Brownsville, TX and the Canal Zone. He, during the time in Kansas City, taught at Midland Radio & Television in the Airline department. Rollie was instrumental in the establishment of Flite control procedures in Panama, Peru, Ecuador, Bolivia, Argentina and Brazil. He remained in the Braniff Flight Control facility until retiring in July, 1976, more than 39 years.

He held Amateur Extra Class, Radio Telephone First Class and Telegraph Second Class licenses since 1937.

Within a few months of his retirement, he began working in QCWA Headquarters in Irving. He was Assistant General Manager of QCWA Offices, and in charge of operations. He established our computer record keeping procedures, and dealt directly with QCWA members throughout the world during the period, 1976 to 1984. He was a superlative CW operator. A good organizer, he was made President of the Dallas Chapter of QCWA and did much to insure the growth of that organization.

Rollie was a navigator, a seaman and every active in the Coast Guard Reserve, holding many positions in that organization during the 1978-1984 period. He passed away in Dallas, December 17, 1984.

- WSEJ -

SAMUEL F. CARR
W8UGF

Samuel F. Carr, 79, died November 17, 1984. Mr. Carr retired in 1972 as a supervisor for the Ohio Edison Company Gorge Power Plant, with over 40 years of service. He was born in Mineral Ridge, OH, and lived 30 years in Tallmadge. He was a member of Our Lady of Victory Church, and the K C., served as Scout Master with BSA Troop No. 78 and was a volunteer for the American Red Cross for over 25 years.

JOHN F. RIDER, W2RID (1900 - 1985)

John F. Rider, W2RID, a member of QCWA since March, 1972, (#7626), passed away on February 6, 1985, at the age of 85. He had been residing in Bay Harbour, FL, for several years.

John Rider was a radio pioneer, inventor, author, philatelist, and publisher dating back to the 1920's. He originally developed a vacuum-tube voltmeter known as the "Voltohmyst" and also the "Chanalyst: test instruments that were manufactured by RCA. These instrument were used by radio technicians & servicemen to test and repair radio broadcast receivers used during the two decades prior to WW-II. In addition, he published the famous "Rider Manuals" in those days. They contained schematic diagrams and specifications of radio broadcast receivers produced then.

During WW-II, John served as Director of Signal Corps Publication Agency. He was responsible for preparation and publication of myriads of instruction & service manuals covering all Signal Corps electronic equipment used by the Army and Air Force. He retired as a Lt. Colonel, AUS after the war when he resumed operations at his Publishing company. In 1962 he sold his publishing interests to Hayden Book Co., & retired from active business affairs. He became an avid stamp collector and was internationally known as an expert in identifying counterfeit stamps.

John was very active in amateur radio with his station W2RID. He maintained one station in his New York apartment during the summer months and another in his Bay Harbor Island home in the winter. Incidentally, his ham radio activities date back to the early 1920's when he was a member of the Bronx Radio Club in New York.

COMPUTERESÉ

If listening to, or talking to an expert in computer work you get completely out of phase, perhaps these descriptions will help your orientation:

The basic storage unit of a computer is the bit which is either a zero or one. Eight bits make up a byte or character. A field is a unit of information composed of one or more bytes. When a group of related fields is treated as a unit, it is called a record. A collection of records is called a file. The file, stored on disk, is called a physical file, because it actually exists on disc in that form.

When data is written and read in order from the first to last record, it is called a sequential file. In a random file you can read or write any record in any location just by knowing the record number which is usually found by specifying a key. The key is a field or fields normally different for each record but may be the same for several different (unique) for each record but may be the same for several records (non-unique). One way to relate the key to the record number is to build an index. Each record in the index contains a key and a pointer to the record. The index is searched for the correct key and the corresponding record is then read directly.

In database terminology, a person, place, thing, event or concept about which information is recorded is called an entity. Each entity has one or more characteristics called attributes. The attributes of an entity (people) would be name, (last, first, middle initial), street address, city, state and zip code. An attribute is the same as a field. The data value is the information stored in each attribute.

The complete logical view of the data, which is the way users see the data, is called the schema or conceptual view. The word schema means a "scheme, plan, outline or diagram" and shows the relationships between various records in your database. A given application program sees a subset of the schema called the subschema or external view. The schema in a bank might be divided into a checking subschema, a savings subschema, and a loan subschema. The way that data is physically arranged and allocated to files is called the internal or physical view. The computer sees this physical view. Nuff said?

"Whatever you vividly imagine, ardently desire, sincerely believe, and enthusiastically act upon, must inevitably come to pass!"

LETHBRIDGE, ALBERTA, CANADA

SPECIAL NOTICE: During the year 1985, the City of Lethbridge will celebrate its 100th birthday. Many activities have been planned to take place throughout the year. The Radio Amateurs of Lethbridge & district were privileged by the Planning Committee to be given money to print QSL cards and Message forms for this occasion. The QSL card has the Centennial cut in the upper left corner. In the centre we are recognizing the "Pioneers of Amateur Radio" in Lethbridge.

Ex-VE4NG, Jock Palmer, was the original experimental broadcast station in this city which became CJOC.

Ex-VE4AP, Charles Elliott operated a small airport hanger in North Lethbridge at which the first air-mail was received at this City.

Ex-VE4YE, Hollick Kenyon was instrumental in laying out the present airport in the city - the reason for it being called Kenyon Air Port.

All of the above amateurs were pilots. During the last two weeks in July of 1985, a special prefix will be used with the local amateur calls.

- Bill, VE6EO -

John C. Kanode, N4MM, from Boyce, VA has been awarded the prestigious ARRL Roanoke Division Special Service Award for 1984. The Award is given to one amateur in the Roanoke Division each year for outstanding service to Amateur Radio spanning many years.

John, an Extra Class licensee who has been active in Amateur Radio for 33 years, has been involved in many phases of that work. He is presently a National Director of QCWA, ARRL Vice Director, ARRL Board DXAC Liaison. He is a life member of ARRL, QCWA, AMSAT and IARC, and has been President of several well known Amateur Radio Clubs.

The ARRL Roanoke Division Special Service Award was created by past ARRL President Vic Clark, W4KFC, and the candidates are selected by the previous winners of the Award. The Plaque will be presented to N4MM at the famous OLD TIMERS DINNER, in Gaithersburg, MD, March 23, 1985, by ARRL Director Gay Milius, Jr., W4UG.

Graham Berry, W4MGO, has announced that his son, Graham G. Berry, KØGB, has been selected as Curate at Christ Church Episcopal, in Waukegan, Illinois. He has been ordained to the Episcopal Priesthood on January 12, by the Bishop of the Chicago Diocese in a ceremony held at Christ Church where he will be serving as Assistant to the Rector, Father William McCarthy.

Edward J. Conklin, W2FFQ, has suggested that there may be quite a few QCWA Members who are at the same time members of the Sons of American Revolution (SAR). If you are a member & would like to consider setting up an on-the-air meeting of SAR members, please contact

Edward J. Conklin, W2FFQ
24 Hazel Avenue
Livingston, NJ 07039

QCWA 1985 CONVENTION SITE FIXED:

The Location will be Winston-Salem, NC, on September 26-29, 1985. Ideally located on I-40 in the Piedmont Section of North Carolina, Winston Salem is nestled in the foothills of the Blue Ridge Mountains and within easy driving distance of the Atlantic coast and all major eastern & southern cities. All major airlines serve the Winston Salem/Greensboro/High Point Regional Airport which is 25 minutes from the Hotel we have selected. That Hotel is the Winston Salem Hyatt House a few blocks off I-40, in the midst of downtown Winston Salem. A cultural haven, Winston-Salem features the Southeastern Center for Contemporary Arts (SECCA), The Museum of Early Southern Decorative Arts in the restored Moravian Settlement of Old Salem, and Reynolds House; the former home of the founder of R. J. Reynold Tobacco Co., which now houses a major collection of American Art. Located two blocks from the Hyatt is Winston Square, the cultural center of Winston Salem, offering art galleries, an outdoor amphitheater for musical performances and a park with a Japanese water garden. The Piedmont Chapter hopes to arrange tours to the attractions and more information will be forthcoming in the Summer issue of QCWA NEWS.

Hyatt Winston Salem is a first class modern Hotel and the food is superb. They have given us a very reasonable rate and we are looking forward to greeting many of you at the 1985 National QCWA Convention. All prices are set and shortly we will be able to give you complete information so that you can plan well ahead of time for a great Convention experience!

There is nothing by which men display their character so much as in what they consider ridiculous. - Goethe.

This little story is a sort of continuation of Part XII, triggered by various kind comments received from members, & by the discovery of some more old pictures. These pictures remind me quite strongly of one of our gang, whom we will call "Accident-prone Johnny" (not his real name, but altho he has been a silent key these many years, he may still have friends and relatives in the radio world). Johnny first came to notoriety when we were fitting out our Hyderabad aircraft with the wireless equipment previously described. There were dozens of connections to make, and each one had to be soldered; but in those days before the invention of the electric soldering iron, we had to use heavy copper "irons" heated by blowlamps, and of course, blowlamps were not allowed anywhere near aeroplanes. Johnny solved this problem by heating his iron in the furnace of the heating system which circulated hot water around the hangar. On the day in question, he found the fire in the boiler room furnace rather insipid, but noticed that one of the engine fitters had left a large can of oil on top of the furnace presumably to thin it sufficiently to pour it into a cold engine. Johnny threw much of the contents of this can onto the fire to enliven it, but of course, there was an immediate explosion. Johnny lost his eyebrows and much of his front hair - we rolled him on the ground to extinguish the flames, and he spent the next few weeks with his head swathed in bandages, enduring the while the jibes of his comrades, who christened him "Sheik Ali Babar" from the appearance of his headdress. However, when the bandages were finally removed, he had the laugh on us, because he no longer had to shave before rushing out to join the morning Parade.

His next effort concerned his "Sunbeam" motorcycle - a super-sports model of which he was very proud. Several of us had (against the rules) taken up grass track racing in the area at week-ends, and Johnny "tuned up" his machine to join us one week-end. "Tuning" in our case consisted primarily of removing the silencer (muffler) and changing the engine oil to Castrol "R" - a foul smelling castor oil concoction then very popular in the racing fraternity. Anyway, Johnny decided upon a test run along the concrete apron in front of our hangars, and proceeded along there absolutely flat-out, waving vigorously to the assembled crowd as he went: when he looked to his front again, it was too late! There were only two buildings on the airfield side of the apron, and he hit the one designed to hold several tons of sand, into which the guns of fighter aircraft could be fired, to test the "Constantinesco gear", which timed the shots through the rotating propellor. We carted him off to the Hospital again, and it was some weeks before he returned.

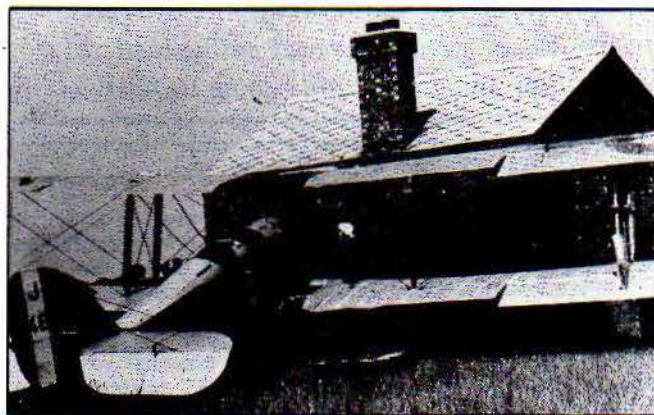
Upon his return to duty, and after rebuilding his Sunbeam, I made an error of judgement in offering to do a "night cross country" exercise for him in his aircraft. Johnny, it appeared, had a date with the statuesque blond daughter of one of the local hosteleries, and nothing could stop him from taking out this girl. We had to admit that it was quite an exciting prospect for Johnny, and it was a pity that night flying duty intruded. Connoisseurs in our Flight alleged that, due to the size of her bosom, this girl had not seen her feet in years! Anyway, I took on Johnny's flight in Hyderabad J8809 and, after an uneventful 2 and one-half hour flight around the country, duly wound in the antenna and HT generator prior to landing. I then crawled forward into the unoccupied front gunner's cockpit (the W/T gear was in the central cabin), intending to make rude hand signals thence to my friends on "flare path duty" whilst landing. In those days, there were no concrete runways or electric lighting on the airfield, and one landed between two rows of kerosene flares (devices likewatering cans, with cotton wicks stuck in their spouts) manned by unfortunate Flight members not flying that night. In this case, our pilot rather misjudged the length of the flare path and, having no brakes on aeroplanes in those days, we proceeded rapidly downhill, through the boundary hedge, and finished up rather damaged in a local farmers field. I was thrown out of the front cockpit (known as

the "Death or Glory Hole", because it was so far in front of everything else that it was the first thing to hit any obstacle), and I bear the scars to this affair to this day. (see picture No. 1). What I told Johnny about this mishap on his behalf does not bear repeating.

Our friends final catastrophe at Upper Heyford came in 1929. Johnny was, by some mysterious process known only to higher authority, selected for pilot training and duly went to No. 5 Flying Training School in Lincolnshire. He thus disappeared from amongst us for some months, but returned to greet us on his "final solo cross-country" flight in a DeHavilland DH9A (the WW-I aircraft used for these exercises). Johnny dived at the group on our flight apron, and then proceeded, waving frantically, along the edge of the airfield at about six feet altitude. Just as on his motor-bike, he looked to his front too late, and hit the only other building on the airfield, smack in its window. (See picture No. 2) This building was the "Watch Hut", forerunner of today's Air Traffic Control Tower, and the Sergeant-Pilot then on duty telephoned the W/T station and said, "Better tell 5FTS that one of their 9-acks has just arrived - right on my bloody desk!" Johnny's flying career came to an end right then and there, but we did give him a special trophy to commemorate his hitting the only two buildings on the airfield.



The result of volunteering to go in Johnny's place
(Note the busted "Death-or-Glory" hole and W/T generator)



The end of Johnny's "Solo Cross-Country".



"WX IS WET... ABOUT 2:1 SNOW WITH RAIN"

Amateur Radio teleprinter communications have come a long way since we first acquired those "clatter and bang" surplus machines after WWII. Many of them worked very well, producing yards of yellow printed copy as the heavy typing units clunked and bumped across the sheet.

Visit a well-equipped amateur teleprinter station today, and you don't hear a sound. The chief op is sitting with his arms folded watching words marching across a TV screen. Or, he'll punch a couple of keys on a keyboard and this same message prints out at machine-gun speed on a down-sized typewriter.

What's in this array of black boxes, cables, keyboard and viewing screen that performs this modern electronic magic? In my previous column I outlined the minimum requirements for getting into personal computing. This time I'll try to list and explain the components you'll need to communicate by computer via ham radio.

HOW IT WORKS

There are three basic methods of amateur computer communication. (There is a fourth, called packet radio, but that's another story.) The first method uses plain old International Morse code. The sending operator composes his message on a keyboard. The computer converts this to precisely spaced code, and keys it into your transmitter. The receiving station feeds this precise code to a computer, where it's converted back into words, either appearing on a screen, or printed out, or both.

The second method is authentic RTTY. The computer converts the keyboard message to standard RTTY signals, and the receiving computer decodes it into words again.

The third method is AMTOR (Amateur Teletype Over Radio). It's a complex but highly accurate way of sending messages. The transmitting station sends out three characters at one time. The receiving station sends these three back to the sending station. If they don't match, the sending station keeps repeating them until the receiving station gets them right. When they are a perfect match, the sending station sends three more. This process is repeated until the entire message is sent.

PUTTING IT ALL TOGETHER

Obviously, the first thing you need is a well-adjusted ham station. Any modern equipment with a fairly decent antenna will get you started. Stability is important. Some of the older rigs still drift a bit on warmup.

The basic unit, of course, is the computer and keyboard. This is usually a self contained, single unit. It houses the keyboard and the CPU (central processing unit -- the brains). It controls, but doesn't think for you.

The second item is a monitor, so you can see the message that you're typing or one that's being received. This can be an inexpensive computer monitor, or a small black and white television receiver. A color television won't do the job. Fine print comes out almost unreadable.

The computer can't talk to your rig directly. It must go through an interface unit that converts computer talk to rig talk, and vice versa. The interface has cables that connect to the key jack, microphone jack and speaker output of your transceiver. The other end of the interface connects to the computer.

The next item is called software. The computer, being of little brain, is all ready to talk and listen to your rig, but doesn't know how to do it. The software gives the computer all the know-how to operate your rig, and it will now accept any messages you wish to send or receive.

There's not very much storage capacity in the software. If you want to retain your outgoing messages, contest logs, notes, or anything else, you will need a cassette unit or a disk drive for storage.

To complete your basic station, you'll probably want a printer. If you just read your messages off the screen, it's like copying code without a pencil. You won't be able

to save your messages unless you can print them out. Maybe you won't want to--but that's your own decision.

I highly recommend one more item: Instruction and information. Not all of these items plug together neatly. Some connectors may need to be changed. You'll need to know your computer commands to get it to obey you. You'll need to know the frequencies where the RTTY gang hangs out. If all this seems confusing, ask your club members if there is a RTTY Elmer available to help you get started.

THE EASY WAY TO START

It's entirely possible to put together a very FB station from swap meet computers, surplus computer chips, and a lot of blood, sweat and tears. If this is your cup of tea, I offer my sincere admiration and envy!

For the rest of us, I recommend saving your green stamps to acquire one of inexpensive computers recognized as "user friendly" to ham radio. Among these are the Commodore C64 and VIC-20, and the Radio Shack TRS-80C. More amateur radio software is available for these.

For a monitor, you have a choice of a small television receiver, or, for a sharper image, a computer monitor. The C64 will connect directly to the video input of a monitor, but requires an rf adapter to connect to the TV antenna terminals. The TRS-80C connects only to a TV.

An interface unit that allows the computer to talk to your transceiver is available from Kantronics, AEA, MFJ, Microlog, Hal, and others. They all work very well, some having more sophisticated electronic goodies.

Software, for the computer units I recommended, is contained in a special plug-in unit that plugs into the side or rear of the computer. These plug-ins are available for your specific computer from any of the interface suppliers. A positive note is that Kantronics, AEA and Commodore have now come to an agreement to make their products compatible. I salute these forward-thinking firms, and hope that others will follow!

Tape or disk storage units must stay in the family. Be sure the cassette unit or the disk drive you buy is compatible with your computer.

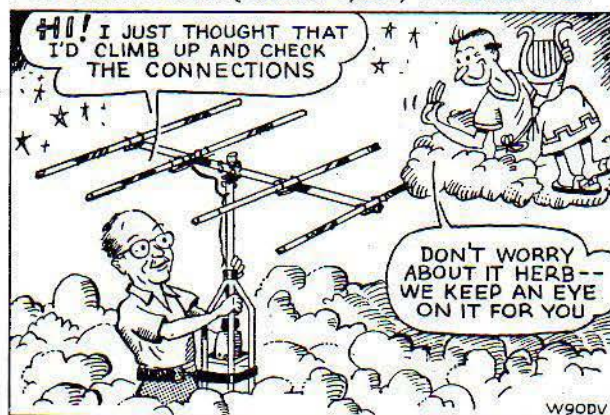
Most of the inexpensive printers are compatible, or can be easily adapted to work with these computers. Before you make your final decision, however, ask for an actual demonstration to make sure.

That's the story. Ask around, visit some RTTY stations, and join the fun!

Send in your ideas, suggestions, programs and comments. This is your forum. Ask questions. Send program ideas. Describe your computer setup and how you solved problems.

Herb Lipson, W8FBH | 26960 Pinehurst | Sun City, CA 92381

W6FQ's high antenna enabled him to check-in a record of 111 members and exchange comments, on the International net of the QCWA in 3 hours. (December 16, 1984) A remarkable feat!



Great News! In the last issue we discussed the fantastic SSB/CW ragchew and international DX capabilities available to all Radio Amateurs with a Technician Class license and above via the AMSAT-OSCAR 10 satellite. Well, AMSAT (the nearly all-volunteer Radio Amateur Satellite Corporation) has just been given the opportunity to launch another semi-geostationary satellite! This new satellite will be similar to the AMSAT-OSCAR 10 satellite with some new features added. The net result will be that Radio Amateurs will be able to enjoy reliable worldwide communications for over 15 hours every day via satellite, irrespective of the state of the sun-spot cycle, solar flares and most other phenomena that upset conventional terrestrial communications. Construction on this new spacecraft began officially in January and launch is presently scheduled for mid-1986. We will be supplying you with more details on the AMSAT Phase IIIC Project in future articles.

BASICS FOR RADIO AMATEUR SPACE COMMUNICATIONS

By now you may be realizing that when it comes to reliable long-distance communications, that satellite QSO-ing is the way Amateur Radio is moving, and we're moving in that direction very quickly. It is not merely the simplicity, reliability, and predictability of satellite communications that's causing this to happen. It is somewhat the result of economics, too. My job has caused me to move several times in the last few years and I have found it increasingly difficult taking down, re-installing and maintaining large HF antenna structures. Have you priced a 60-foot tower, tri-band beam and heavy duty rotor lately? Contrast this with the observation that in one of those moves I was able to transport my entire DX-working satellite antenna array in the back of a pick-up -- and it was fully assembled! One hour after our arrival at the new location I was back on the "bird" and ragchewing with some friends in UK-land as good as usual, while the movers were still hooking-up the washer and dryer. Try THAT with a tri-bander and tower sometime! Couple this with the fact that I do about 60% of my operating on SSB and have often felt the need to use a linear amplifier when working long distances on HF (where's the 220 outlet?) and you can see why I presently work all DX via satellite. (Please don't interpret this as anti-HF. HF communications certainly has its place. For example, AMSAT has an information net on 75 meters, Tuesdays, 9 PM, local time, on 3855 kHz and I've missed very few of these in over a decade.)

The average Radio Amateur appears to labor under so many misconceptions concerning Amateur Radio Satellite communications that it's hard to know where a discussion on the "basics" should begin. I received a number of very nice comments and questions from the last article. One of these was from QCWA member Ed Henderson, N8BOD, of Birmingham, Michigan. Ed was starting from scratch but one short meeting and a couple of phone calls later and he was on the "bird". His first contact was an enjoyable chat with a YL in Japan! It is usually not so fast. It may start with a question like, "what size dish do you use?" The most popular type of satellite transponder ("repeater") at present is known as Mode B. That's 435 MHz for the uplink and 146 MHz for the downlink. Furthermore, most Amateur Radio satellites are designed on the basis that the stations on the ground are using 10-13 dB gain antennae, at most. That usually means a short 6-7 foot long yagi for the 435 MHz uplink and a 10-19 foot long yagi for the 146 MHz downlink. These antennae are obviously a very long way in terms of weight, size and cost from the large dish antenna many incorrectly think are needed.

Since we're talking about antennae, let's take it from there. As you might imagine, antenna height above ground is not normally an important factor in satellite communications. I have actually had some fine QSO's with stations in far off countries in which the reflector of their yagi antenna was literally in the grass in their backyard. For some very practical and safety reasons, however, the antennae should not normally be mounted right on the ground. First, someone might walk into the element end thus injuring themselves or damaging the antenna. Also, it becomes hard to mow the grass around such objects. Thirdly, with a semi-geostationary satellite such as AMSAT-OSCAR 10, there is still a small amount of tracking to do such that the antenna must be re-pointed every hour or two (although I've gone as much as four hours without moving the antenna on some occasions). The ideal arrangement in most situations is to merely mount the antenna on the roof of the building in which your station is located. This is usually done using a small roof tripod, TV chimney mount, or a short mast or tower installed along one side of the house and sticking up a few feet above the roof-line. The intent here is to get a slightly better view of the sky, while keeping the feedlines fairly short.

As mentioned previously, I am now using a roof tripod. These can be purchased in the 5 foot versions from a TV store for about \$20 new. I've seen many used ones at flea markets for under \$5 that appear to still have many years of service left in them. When our block went to cable TV last year you could have all you wanted, including rotors, for FREE if you were willing to climb to the roof to take them down. Almost any used TV antenna rotor will do just fine for the Azimuth (horizontal movement) rotor. This can be mounted within the tripod or on top of the mast pipe in the normal fashion. The Elevation (vertical movement) rotor should be of the type in which the mast goes through the rotor (e.g. the U-100). I've seen these at swap-fests for about \$8 used, and slightly more if they've been reconditioned. All you have to do is cut the aluminum tab off, and mount the rotor on its side using a small mounting plate or board with four holes drilled in it. There you have it! A satellite AZ-EL antenna mount suitable for tracking anything with Amateur Radio on-board from the relatively low-flying Space Shuttle (+/- 180 miles high) to the high flying AMSAT-OSCAR 10 SATELLITE (over 20,000 miles high).

In the next issue we'll discuss some of the small antennae used for Amateur satellite communications, and these antennae are usually very small indeed. My uplink and downlink antennae have a combined weight of only 14 pounds! Yet, I am able to work good DX on a regular basis every week.

As implied in the previous article, the real "secret" to effective satellite communications for the average Radio Amateur is NOT expensive or complicated equipment, or a vast amount of technical knowledge. What is needed is some guiding information, just as is often helpful whenever you enter a different aspect of any activity. It saves much time, money, and frustration if you just talk with someone who has done it before. Now, in satellite communications you may have to be careful as there are many well-intentioned Amateurs who still think that all Amateur Radio satellites are of the old Phase II type, namely, low orbit, 4-5 year life span satellites with orbital pass times of 10-20 minutes. They are often unaware of the new Phase III type satellite which is in a high semi-geostationary orbit and is available for 8-10 hours at a time and has an expected life-span of 8-10 years. Also, the low altitude (500-1000 miles) of the Phase II satellites they may be familiar with, causes the range of these satellites to be limited to several

A QUARTER CENTURY IN SPACE (cont.)

thousand miles, at best. The Phase III satellites operate out at a distance of more than 20,000 miles where the view of the DX is great!

Here are some good information sources for you. First and foremost, I suggest you contact AMSAT Headquarters at PO Box 27, Washington, DC 20044, or call 301 589 6062. They will be happy to answer, or refer you to an answer source, for any questions you may have from just getting on the "bird" to actually helping with satellite construction, testing, experiments, etc. Ask for membership information and a copy of the SATELLITE EXPERIMENTER'S HANDBOOK. Secondly, I suggest you monitor or check into the AMSAT 75 meter net mentioned earlier. It's not a beginners net so don't let some of the strange terms scare you away. You'll pick up on them soon enough. The Net will help you stay up-to-date on the many exciting developments in the Amateur Space Program. Thirdly, AMSAT has a system of Area Coordinators all over the U. S. just waiting to become YOUR Satellite Elmer. Contact Jack Somers, WA6VGS, the AMSAT CHIEF U. S. Area Coordinator for the one nearest you. Jack can be reached at P. O. Box 49751, Los Angeles, CA 90049, or, at his Henry Radio Office, 213-820 1234, on Mondays through Thursdays. Of course, you are welcome to contact me also. See you on the bird, OT! 73.

John Champa, K8OCL/7800 Hartwell St./Dearborn, MI 48126

NOTES ON OPERATING PRACTICES

During the week immediately following labor day, I had the privilege of monitoring an example of superb operating by a whole radio club. The club was the Bishop, California Amateur Radio Club, and it was their 34/94 repeater I monitored.

Bishop is located at the north end of the Owens valley in California. Its elevation is 4000 feet, and it is just to the east of the 12,000 foot plus Sierra Nevadas. The Sierra Nevadas are a magnificent mountain range and include Lake Tahoe, Yosemite and Mount Whitney (at 14495 feet, the highest mountain in the continental United States). During the summer months the Sierras attract thousands of hikers and backpackers, some of whom are not prepared for what this beautiful country has to offer. All of which brings us to my tale.

A scout group from the Los Angeles area was backpacking in the area just to the west of Bishop. One of the scouts became ill, apparently with altitude sickness. One of the leaders was a ham and he used his hand-held to key up the BARC 34/94 machine asking for help. He was answered by Cal, WA6YZY.

Cal very efficiently found out what the problem was, helped pinpoint their location, and called both the Sheriff and the Forest Service. Additionally he called the Bishop Hospital and relayed symptoms, diagnosis and advice. Since a more life-threatening emergency was also in progress, and since the scouts were not in an area suitable for helicopter pickup in any case, it was decided that the scouts should hike to a lower elevation. Going down is one cure for altitude sickness, and in case the problem turned out to be something more serious, the scouts would be better positioned for either helicopter or 4x4 pickup. Cal held their hands by radio the whole way, encouraging, navigating and relaying medical information. Fortunately the problem was indeed altitude sickness, and once the scouts descended the emergency ended.

But that was not the end of the story. A few days

later, some of these same scouts got separated from the main group and lost in the mountains. Once again, WA6YZY and the Bishop Amateur Radio Club came to the rescue, and without going into details, the ending was happy.

Why do I keep saying the Bishop Amateur Radio Club when during both emergencies it was WA6YZY who did the communicating? Because it was all the other members of the club who kept their mouths shut and mikes unkeyed. There were several others on the repeater who could have handled things, but they and everyone else kept quiet. Consequently, Cal was able to effectively deal with the emergencies without a hoard of kibitzers and helpers. Another example: During the altitude sickness episode, the BARC machine was being intermittently keyed up by an aeronautical mobile who apparently did not realize or care that one can turn on a lot of repeaters from 25,000 feet (particularly on 94). Both Cal and the other club members quickly realized it was a problem that couldn't be helped and worked around it. There was no wasted time with fruitless calls and "ain't it awfuls".

So once again we have a wonderful example of ham radio doing one of the things it does best. Would you and the people in your local club have done as well? The reason the Bishop hams did everything right was because they had practiced during ARRL Simulated Emergency Tests and other exercises. They had talked about how to handle emergencies before the emergencies happened. They were disciplined and knowledgeable.

I suggest that we get off our collective old-timer duffs and take the lead in making sure the hams on our local repeaters would do as super a job as the Bishop Amateur Radio Club did. Take the lead doesn't necessarily mean do it yourself. It can also mean prodding and cajoling and/or setting the right example. Most of all it has the connotation of being active, not passive. Set an example! Once an emergency starts, it's too late. Do it now!

Hank Garretson, W6SX/42 B Street/Edwards, CA 93523

QCWA BUILDING FUND ESTABLISHED

The QCWA Board of Directors, at the annual meeting in Windsor Locks, CT accepted the recommendation of the Long Range Planning Committee and authorized an account to accept contributions to a QCWA Building Fund. This action was taken with full expectation that QCWA will continue to grow and that at some time in the future a larger and more permanent headquarters will be needed.

By initiating the fund now, accepting contributions and bequeathments over the next few years and investing wisely, QCWA will be in a favorable financial position to consider a permanent QCWA-owned headquarters when the time is appropriate.

The new building fund is not in competition with our Memorial Scholarship Fund and continued support for that program is encouraged.

Contributions to the building fund enjoy the same tax considerations as those to the scholarship program. All contributions should be sent directly to QCWA Headquarters in Irving, TX, where they will be acknowledged and reported in QCWA News.

- W5KL -

CHAPTER ON AIR SKEDS

1 CLEVELAND	WED	2000L	W8LYD	79/19
	WED	2000L	W8QHM	28625
2 CHICAGO AREA	WED	2000Z	W9DZG	7073
	THU	0000A	W9DZG	3590
4 NW CHAPTER	SUN	1630Z	W7UO	3655
	SUN	2000Z	W7FNC	3952
5 DELAWARE VALLEY	SUN	1445Z		3917
6 PITTSBURGH	SUN	1430Z	W3LGD	3880
	SUN	1330Z		63/03
7 SOUTHERN CAL	SUN	0800	W6INH	3917
	SUN	0900	W6FQ	3917
	SUN	1100	K6BA	3695
	SUN	1800Z	W6ZRZ	205/805
9 DAYTON/CNCY	SUN	1800Z		3986
10 MICHIGAN	SUN	1300Z	W8CAM	3903
11 NORTHERN CAL	SUN	0930	W6BCM/FQA	3907
	SAT	1000		25/85
12 SOUTHEAST FL	DAILY	-		16/76
14 SAN DIEGO	WED	2000		28600
15 TULSA	SUN	0645L	W5FU	3830
	SUN	0945L	W5FU	7156
16 ARIZONA	SUN	0730	W5KMF	3892
19 MISSOURI	WED	0200Z		31/91
20 BALTIMORE	MON	2100L		28650
24 NEW ENGLAND	SUN	0845L	W1DJ	
25 NEBRASKA	SAT	0900		3980
27 HOUSTON	THU	2000L	W5CCD	3876
28 CENTRAL NY	SUN	1030L	W2UBU/UWD	3917
32 GATOR	SAT	0915L		3920
36 NORTHWEST IND.	WED	1900L		145.45
38 SAN ANTONIO	SUN	2030L		28650
39 AKRON	TUE	0030Z		28090
41 DALLAS	SUN	0715L		3835
45 CITRUS	THU	1900	W4ZU	825/225
	TUE	1900	W210E	825/225
	SAT	0900	W4AJX	3955
49 ATLANTA	SAT	0900L		3832
54 TYLER	SUN	0800L	W5CNO	3835
55 WISCONSIN	SUN	0830		3985
58 COLORADO	SUN	0900L		3905
	SUN	0930L		07/67
60 EASTERN TENN	SUN	1700L	W4HBZ	3875
61 DETROIT METRO	SUN			3663
62 SUWANNEE	SAT	1400Z		3940
63 CENTRAL OKLA	SUN	1400Z		3855
64 EL PASO	SAT	0830L	W4NPI	3935
65 NIAGARA FRONTIER	SUN	1330L	W2SD	3900
73 SOUTHERN ONT.	SUN	0900L		3773
	SUN	1300L		7090
75 CEN CAL COAST	SAT	0830L		3917
76 BLUE RIDGE	SAT	1800Z		3833
77 NORTHERN NJ	SUN	1800Z	W20JW	3917
81 LIQCWA	SUN	1130L		3917
84 FLORALA	MON	0130	W5RHE	28/88
85 ARK-LA-TEX	SAT	1000L		146.76
87 EVERGREEN	SUN	1500Z		3985
89 PALMETTO	SAT	1700		3927
	SUN	1700L	N4LS	3770
90 RAZORBACK	SUN	1300L	W5MYZ	3907
96 GATEWAY	SAT	1600Z		7230
104 TREASURE STATE	SAT	1700Z	W7010	3938
106 GERMAN	MON	1600U	DL9AR	3700
107 CENTRAL FLORIDA	SAT	1500Z		7243
109 BATON ROUGE	SUN	1330Z	W5URR	3905
	SUN	2000L		19/79
112 YANKEE	SUN	0830L		3903
	SUN	1930L		3645
113 MEMPHIS	FRI	1000L	W40MI/YEL	04/64
114 NORTH TEXAS	SAT	1430Z	W5VJW	3943
116 CENTRAL VA	DAILY	1430Z		795/195
117 APPLESEED	SUN	2030L		146.46
118 COASTAL CAROLINA	MON	2015		28/88
120 QCW	TUE	1900Z		14295
122 LAKE ERIE T/S	SUN	0930L		3915
123 IOWA STATE NET	SUN	2230Z		3900
125 HALIFAX	WED	1930L		75/15
126 PIEDMONT	SUN	1400Z		3935

128 PELICAN	SAT	1000L		3930
129 WACO				13/73
130 INLAND EMPIRE	SAT	0800L	K6SS	3862
131 GULF COAST	TUE	0900L		28750
134 PINE TREE	SUN	1400L		3942
136 AUSTRIA	WED	1700Z		3700
138 CENTRAL NJ	TUE	2200L	W2DME	147.045
FLORIDA SSB NET	SUN	1230L	W4PI	7253
FLORIDA CW NET	WED	1330L	W4PI	7035
141 HIGH PLAINS	SAT	0900L	W4YID	3933
143 NORTH COLORADO	SUN	0130Z		25/85
146 TWIN STATES	SUN	0830L		3897
148 HERNANDO	TUE	1900Z		146.715

INDEX - CHAPTER NEWS

Chapter No.	Page	Chapter No.	Page
1	15	84	24
4	24	85	20
7	20	90	16
8	23	91	19
9	17	92	16
12	22	94	21
30	22	95	19
31	16	101	16
32	18	106	28
36	20	108	24
40	17	109	18
45	17	111	24
46	15	112	16
49	20	114	21
55	22	117	19
59	23	121	28
60	16	126	24
62	21	128	17
65	23	130	23
66	20	134	31
70	21	138	18
79	31	146	19
81	19	147	24

POLICY WITH RESPECT TO PUBLISHING CHAPTER NEWS IN QCWA NEWS ISSUES....News of Chapter activities is solicited for publication. We do not accept a copy of regular Chapter Newsletters distributed to members of the chapter as a source of information. If you write of your chapter activities especially for publication in the NEWS, there is a darn good chance it will appear essentially as you have submitted it. Keep the material brief & to the point, hit the highlights and make your material interesting to others.

When you submit pictures, black and white is the only one that gives good results. Color will do but only in emergency. Watch your picture backgrounds. Don't get busy wall-paper or a bright outdoor window in the back. Watch to see that your pictures don't show a dining table full of dishes and glasses, etc. Don't provide pictures that are larger than 4" x 5". When you send more than one picture, it is likely we shall only use the one we consider best. Identify people. Do not write with a ball-point pen on the back of your pictures - it ruins them by indentation that requires special work to retouch due to light reflections.

Your help will see to it that the section on QCWA Chapter news is interesting and informative to all QCWA Members, not just to those in your own Chapter. This is what we're looking for. TNX

METRO N.Y. CHAPTER
84-26 87 Street,
Woodhaven, NY 22421

Metro NY held its meeting on September 12, at Freemason's Grill, in NYC. Luncheon began at 12:35 PM. There were no planned speakers so personal discussion took place. There were only 12 people present for some unexplained reason. A good time was had by all if one judges by the din of conversation!

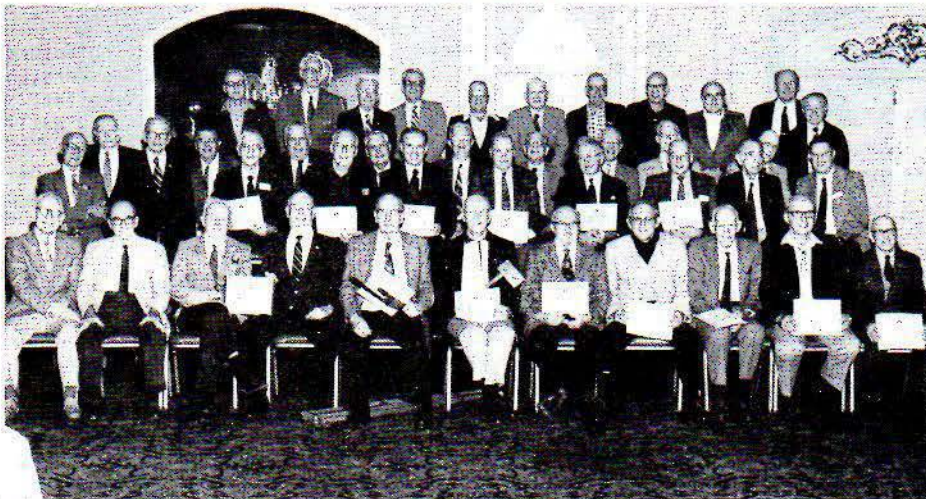
The faithful ones are shown in the picture at right... L-R, they are: W2BQR, W2JZX, W2CCZ, W2KRD, W2LDP, W2FWA, W2DP, W2JBL, NF2K, W2ZCE, and front, W2AUF with W2GMY.

- Dave, W2AUF



Cleveland Chapter 1
17630 Westview Drive
Chagrin Falls, OH 44022

On October 20, at a luncheon sponsored by Chapter 1 of Cleveland, just short of 100 hams were honored from the Cleveland area. All these hams had the same thing in common --all were licensed for 50 years or more. Some were members and some were not, but all 113 attending enjoyed the festivities (40 were XYs). It was a great get together for the old timers. Hand shaking was the first order of business, and reminiscing took second place. We plan on holding this type of meeting periodically. Publicity for the event was handled by W8ADW, and the photographer was WD8PYV. Highlight of the occasion was the presence of Jim Russell, W8BU, of Fairview Park, OH, who has held a license for 70 years, and whose face you see third from the left, first row, in the pix below. Note the jolly faces and the woulf Hong in the middle. On the far right our liason officer, Chuck, W8RN. The balance of the guys will be contacted on how to get their certificates.



Chapter 1 members are making a good show in National activities & we hope to have more, so get into the swing and be counted. A good place to start is on the Sunday net, or the QSO Party and send your beefs to HQ at all time. It'll stir up something! All kidding aside, you guys are doing great right now. Many thanks to those who sent in the thoughts and sentiments on the antenna deal, and their views on the 10 WPM deal, and to those that sent them to the FCC, good going... Stand up and be counted! Another year is closing in on us and it's time to get in and call in on the net your favorite person for my job, along with the other executives positions that come around about this time--too soon? OK, let's extend them to two years, or ten maybe to coincide with the ham ticket. The date of our next general meeting will come to you via postcard, so don't worry or call about it. The story is that big things are on the agenda for the coming year, and I do mean big! so get in on the net & listen.

We have a brand new Chapter manual now and I can answer your questions the right way, I hope. I still would like to hear from you lawyers out there about the incorporation deal, concerning liabilities only. The book has the rest to my satisfaction. This question has a lot of importance, especially when we have meetings at different places and our members get older every year. Some require transportation and questions come up about insurance, etc.

QCWA MEMBER HONORED BY IEEE

"For extraordinary achievement", Arthur S. Westneat, of Newmarket, NH, a research fellow with the Marine Systems Engineering Laboratory at UNH, was honored recently at the Oceans 1984 conference, when the Institute of Electrical and Electronic Engineers presented him with one of its Centennial Medals, as part of the IEEE's 100th anniversary celebration.

Westneat specializes in knowledge based systems, microcomputer application, applied acoustics signal processing & advanced ocean robotics. A past president of the IEEE Society of Ocean Engineering, he presently serves as Chair of the Society's Committee on Autonomous Vehicles, and is Chair of the Marine Technology Society's Professional Committee on Applied Artificial Intelligence.

Arthur is a QCWA member and holds the call W1AM! Congratulations go to him from QCWA Members everywhere.

The following came to us through the thoughtfulness of George, W2JBL, who so ably has held together the QCWA CW on-the-air meeting for years & Years. the poem was written for the Shriners of Livingston, NJ...author unknown!!

It sort of fits us here at QCWA HQ!

* * * *

Celebrations beome less sweet
When someone beefs about his seat.
Believe us, it's quite a job
To seat such a mob.

You ask to sit with Jack or Mabel,
Yet find they're at another table.
Removed by far - a mile or two
And they're supposed to sit with you.
We'll praise the day when some inventor
Will plan a ballroom - all dead center.
In short, a room so well designed
With none in front and none behind.

So, if we've failed to pass the test,
HONEST, we've tried to do our best.
And, good or bad, our job is done.
So please forgive us and LET'S HAVE
FUN!

* * * *

QCWA CHAPTER NEWS

EAST TENNESSEE CHAPTER 60
Box 233 700 Markhill Road
Sevierville, TN 37862

The Fall meeting was held at the New Markhill Manor Retirement Center, in Sevierville, TN. The facilities and food were excellent. There were 38 in attendance, including wives and visitors.

A 55-Year Golden Certificate was presented to Dr. K. H. Morgan, W4WB, of Williamsburg, KY. The chapter voted to give \$25 to the QCWA Memorial Fund, in memory of James Crabtree, W4FHT, of Maryville, TN, who became a Silent Key in October, 1984. The program consisted of a talk and demonstration of satellite communication. This was given by Richard Williams and Gregg Christopher, of Microteck. It was an excellent program.

The next Chapter meeting is scheduled for May, 1985.

The picture below shows the presentation of the Golden Certificate to Dr. Morgan, W4WB (at left) by John Hawkins, W4TYV, President of East Tennessee Chapter.



- Bob, W4HHQ -

COASTAL BEND CHAPTER, #101
3435 Floyd Street
Corpus Christi, TX 78411

The Coastal Bend Chapter, #101 has changed meeting places. Future meetings will be held at the Texas Corral Steak House on South Staples Street, across from Parkdale Plaza. Meeting times and dates are unchanged, being the first Tuesday, at noon on the odd-numbered months of the year.

We regret to report that Paul Belian, W5DYV, #11163, is now a Silent Key. Paul served as President of our local Chapter for three years and was an active amateur for almost 50 years and was very active in Army MARS. He was District Radio Officer for RACES District 31.

Visitors to the Corpus Christi area are urged to get in touch with local QCWA members and to attend meetings.

- Bob, W5GEL -

READING CHAPTER # 31
3916 Romig Avenue
Reiffton, PA 19606

This is to let all of QCWA know that Reading Chapter is still well and functioning. We have regular bi-monthly meetings the second Saturday of each month. The meetings are held at the Dutch Colony Motor Inn, at the Antique Air-Plane Restaurant. We have breakfast, then conduct our business. Meetings are well attended...at our September 8, 1984 meeting 21 members and guests attended. The meetings run from about 9:00AM to 11:30 AM. A Christmas Party was held in Douglassville, PA. A family style dinner was held with gift exchange during the evening.

- Edmond, WB3KCD -

YANKEE CHAPTER No. 112
14 Emmett Street, Marlboro, MA 01752

Every year we say our Christmas Party is the best one yet...and it's not possible for it to be even better...but it was. There were forty-five of us at Onie's & Woody's & it seemed like the best one ever. The food was scrumptious, with those on diets having their resistance sorely tried! From reports heard, we know that Onie was responsible for all of the cooking. As usual, we had the regular exchange of gifts which we all look forward to. It was amazing to see how much room there was for us to squeeze by to visit the various ones we wanted to be sure to have a bit of chit chat with in spite of the large attendance. So...til next Christmas, good health, good wishes and Happy New Year and TNX to all for making it such a good time again this year.

Officers Elected for 1985 are:

Norman Dias, W1UHY, President
Harold Chase, W1EES, Vice President
Onie Woodward, W1ZEN, Scy/Treasurer

The Chapter Net manager made a report on attendance for the meetings and asks for volunteer NCS stations. It's not hard to do and lots of fun but, please don't tune up on frequency while the net is in progress. If you can help, talk to Bob Warren, K1POM!

One of the pleasant duties taken over by Norm Dias, at the Christmas Party was presentation of a Golden Certificate to Norman Larson, W6WL. James Green, W1GT was awarded a 60-Year Golden Certificate.

Excerpted Vol 6, No. 3 NL.

RAZORBACK CHAPTER 90 QCWA
PO Box 263
Green Forest, AR 72638

The Razorback Chapter 90 held its annual meeting Saturday October 13, at the Ramada in Harrison, with 29 members and 23 YFs present who enjoyed an "all you can eat" buffet. W5KL, National VP, gave the group a briefing on the Nat'l Convention held at Windsor Locks, CT. KC5LL presented a slide-commentary of the 1st Apollo Moon Landing. At the business meeting, election of four members to the Board of Directors was held. Those elected were: N5BK; W5MYZ, W5YGX and W5UAU. Newly elected officers are:

Sid Pokorny, W5UAU, Chairman
Robert Townsend, W5MYZ, Vice Chm
Ray Yarbrough, W5YGX, Scy/Treasurer

Also serving on the Board are: W4AZJ; W5LKU & N5DD1. The next meeting will be held at Russellville in early May. We need more members to check into the "on-the-air" Sunday morning meeting, 1PM CST on 3907 for the latest chapter news.

- Sid, W5UAU -

NORTHERN LIGHTS CHAPTER No. 92
P. O. Box 10-385
Anchorage, AK 99511

The annual dinner meeting of Northern Lights Chapter 92, QCWA was held Saturday evening, Nov 10, 1984. In attendance were 31 members and guests. Member John Trent, KL7DG, donated a one ounce Commemorative Silver Bar, produced to celebrate the 25th year of Alaskan Statehood, to the member who best copied a short test by blinker light (all the old Navy Ops take note). Five turned in perfect copies, a drawing was held to determine the winner who was, Al Fromm, AL7C.

Officers elected to serve the 1985 fiscal year term were as follows:

Mr. Al Bianco, KL7FK0, President
Mr. Harold W. Hitchen, KL7PG, Vice Pres.
Mr. Alfred J. Fromm, AL7C, Scy/Trea.

The meeting was held at the Golden Lion Motel.

- Harold, KL7PG -

QCWA CHAPTER NEWS

ALABAMA CHAPTER # 40
624 Redbud Drive
Birmingham, AL 35206

Alabama Chapter #40 meets twice monthly, a luncheon meeting on the second Thursday at the South Central Bell Building in downtown Birmingham, and a dinner meeting at the Pioneer Cafeteria in a local mall. The dinner meeting has proven very popular for members and their spouses who are unable to attend the luncheon meetings.

The picture below was made at the recent Birminghamfest. Lillian Bankston, K4DSO, is being presented with her National QCWA Membership, No. 17,812, by Leland Smith, W5KL, Vice President of QCWA.

We were happy to have Bill Harmon, W4CDT, at the our last meeting following his recent coronary by-pass surgery.



- Adrene, W4WJX -

PELICAN CHAPTER #128
1255 Pasadena Av. S, #2024
South Pasadena, FL 33707

Thirty-one members & guests attended the second luncheon meeting of the Fall Season at the Lamp Post Inn, in St. Petersburg on October 17. Cathy Soehl, W4BAV, was an invited guest. Dutch Romig, KF4DI, was introduced as being our newest member. Dutch sports QCWA #18,190. He is a retired electronics technician.

President Jack Whitely, W4CZS, as appointed the following members to make up the Nominating Committee for the year 1985; Jack Mandel, W4PLW, Chm; Red Spaulding, W4PUZ, and Reg Iversen, K4QZ.

With the ARRL South-East Convention being held at the Sheraton Sand Key Motel in November and with many members planning to attend, our November 21st meeting was cancelled.

It was announced that we do not have any Chapter Life Members. Originally, when the Chapter was organized back in 1980, a sum of fifty dollars was provided the Chapter by one of our members in order to get things moving. In error, our Board of Directors awarded this individual a Life Membership in the Chapter. QCWA HQ has informed the Secretary that a Chapter Life Membership cannot be awarded unless the individual is a Life Member of QCWA. In sober thought, the original fifty dollars can be identified as an advance dues payment.

- Art, W4BK -

CITRUS CHAPTER 45
1827 E. Normandy Blvd
Deltona, FL 32738

Citrus has had a good attendance this past summer even with many members off on vacation trips or at summer homes up north. Saturday noon luncheons at Duff's in Wekiva Plaza have featured several nostalgic programs. Radio antique collector Herman Kramer, provided exhibits and demonstrations of antique receivers, tubes, transmitters and publications. Many items in the exhibits prompted a "I remember when....." from our 50 and 60 year Certificate holders! Herman was only able to show a small part of his whole collection as he was limited each meeting by what he could load into his car. At one meeting Bob Watson, W4DTV, gave a full explanation of the VEC program, stressing the importance of making the new licensing system work.

New Officers of the Chapter elected are:

George Jett, W210E, Chairman
Bob Sutter, W3SOB, Vice Chairman
Chuck Bolvin, K4KQ, Secretary
Lou Quinonez, K4JDY, Treasurer

After a bout with a local thunderstorm which knocked the antenna catty-wompus, the Chapter repeater is back in action on 147.825/225 for Tuesday & Thursday evening on the air meetings, all thanks to W210E.

Many currently licensed hams obtained their first ticket back in the fifties as a Novice. For various reasons, they dropped out and have come back in recent years as "New" licensees. We point out that QCWA eligibility is based on the year of first licensing so this old Novice ticket may be a key to QCWA membership. If you know of someone who may be in this class of "retreads", give him a QCWA application and explain this detail! Or, it may well be a "her" there were a lot of YL's and XYL's in those Novice classes.

With sadness we report the passing of Citrus member Bob Stirk, QCWA Member 12,739.

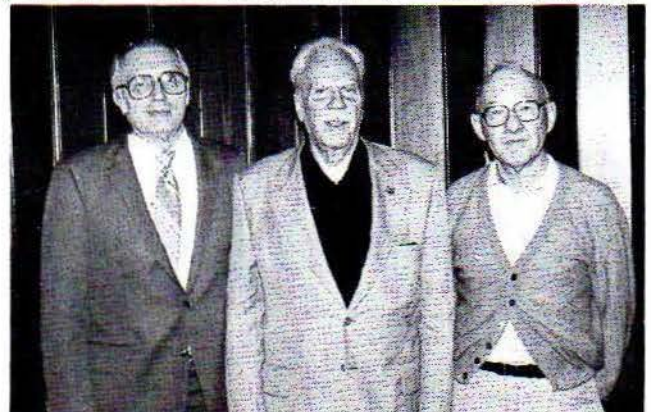
- 73, Chuck, K4KQ -

DAYTON/CINCINNATI CHAPTER # 9
657 Dell Ridge Drive
Dayton, OH 45429

Dayton/Cincinnati Chapter 9, at its December meeting, held election for Officers, with those elected as follows:

Douglas H. Horner, W8PH, Chairman
L. Morse Weimer, W8EY, Vice Chairman
Robert L. Dingle, KA4LAU, Scty/Treasurer

They are shown in the picture below, in that order, L-R.



Dayton/Cincinnati QCWA Chapter 9 will hold its annual banquet in conjunction with the OOTC and the Dayton Hamvention on Friday, April 26, 1985. Place of the banquet will be Neils Heritage House, 2189 S. Dixie Dr., at 7:30 PM CDD Bar at 6:30PM. For reservations and tickets (12.50 per person) contact Bob Dingle, Secretary/Treasurer at 657 Dell Ridge Drive, Dayton, OH 45429. Telephone 513 299 7114.

QCWA CHAPTER NEWS

GATOR CHAPTER 32
14996 Imperial Point Dr. N.,
Largo, FL 33544

Attendance at monthly meetings is increasing greatly as our northern members arrive in the South. Some members became Silent Keys in 1984 - they were: Jack Adams, W4NOK, Ray Brown, K4JWI; Harry Johnson, VE3FHL. Four new members were added--Joe Dwyer, N4EXW; Joe Sturgeon, NX4P; Charles Murphy, WZ4T and Leo Weiner. Chapter members having 60-Year Golden Certificates (or endorsements) do not have to pay dues, and at last count we have 24 such members. Our Silent Key Committee does a fine job helping widows sell equipment at fair prices.

The Hernando Chapter has joined Gator, Pelican and Gulf Coast is helping run QCWA activities at the Clearwater ARRL Convention. Leland Smith, W5KL, Vice President of QCWA, was guest speaker at the QCWA luncheon at the November 24th meeting. More than 150 persons attended the luncheon. The Chapters maintain a hospitality room and we had a QCWA table in the lobby, at the Convention. The 1985 Convention will be held in St. Petersburg, at a National Guard Armory and the Skyway Inn.

Our new meeting place is Chief Charlies, in Dunedin, and has worked well, with good food & a large private meeting room. On November 3, we held our 18th Chapter anniversary! Eight past presidents were present. A beautiful anniversary cake was brought out at the end of the meeting and all were served. We're glad to say that Charles Bunce, K4KCN, Secretary of Spaceport Chapter has moved back to our area & rejoined Gator Chapter.

New Officers-elected for 1985 are:

Ralph Barr, WØDNO, President
Bill Penhallegon, W4STX, Vice President
Eli Nannis, K4JMH, Secretary
Bill Turner, W2WV, Treasurer

Directors are: Dave Stocky, K4KE; Dan Whipkey, N3DN; and Jim Gordon, W4PTJ. Paul Turner, WIDL, was given a standing ovation for the fine job as president for two years. Ralph Barr, WØDNO was commended for arranging excellent programs. Eileen Cole, XYL of Harry, upgraded to General Class, congrats!

In the picture below, L-R are past presidents: Hal Rice, W4FOM; Russ Chappell, K4HI; Les Pulley, W4DH; Lou Weber, K4HWS; Harry Cole, W4DLL (standing). Seated, L-R are: Hal Bates, W4OIN; Hal Grigsby, AA4MF and Bill Franklin, W4KC.



THERE'S ABSOLUTELY NOTHING THAT MAKES THE WORLD A BETTER PLACE TO LIVE THAN TO GREET A FRIEND, OR A STRANGER WITH A SMILE, A WAVE OF YOUR HAND, OR A CHEERFUL HELLO. TRY IT, YOU'LL SEE MAGIC AT WORK!

BATON ROUGE Q.C.W.A. CHAPTER 109
5871 Beechwood Dr. East
Baton Rouge, LA 70805

The report covers two meetings of Chapter 109. The first, held at Catholic High Schools cafeteria on October 27. We enjoyed a big pot of Jambalya cooked by a real pro from Gonzales, LA. Several of the wives brought dishes such as baked beans, salad, and sweets. After everyone was fully stuffed we went outside and made the picture below. A total of 45 members and guests were present.



Our second get-together was on Saturday, December 8, at Podnah's Bar-B-Que on Florida Blvd in Baton Rouge. On this one we had 47 members and guests attending. We welcomed two QCWA members to our local Chapter. They were; David Kelley, K5MSN and Ray Sloss, K5ZFN. Here we filed up on such goodies as Bar-B-Que, beans, salad, etc. Everyone had a great time with conversation flowing continuously. Our special thanks to Bill, W5URR, and his XYL Marion, for the delicious cookies and pralines which Bill is a master at making. I goofed and forgot to bring a camera, so no pix of this event.

Chapter 109 is open to all QCWA Members not affiliated with a Chapter and we sincerely ask any member to join us on Sundays at 0830 local time, on 3905 kHz. W5URR is NCS.

- El, W5MD -

CENTRAL NEW JERSEY CHAPTER #138
89 Stratford Road
Tinton Falls, NJ 07724

The November, 1984 meeting of the Central New Jersey Chapter #138 was high-lighted by Frank Gunther, W2ALS, one of our members and Past President of QCWA. Frank gave an exceptionally well documented talk program on the earliest beginnings of two-way mobile radio. The attentive audience of approximately 47 men and women heard many interesting anecdotes of his experiences in designing and engineering the communications systems for these first two-way mobile radio systems.

At this meeting Earl Korf, K2IC, was recognized for receiving the 65-Year Golden Award. Also, the first election of officers since the Chapter was formed, with a lot of hard work and time spent by our first Officers, Chapter 138 got off to a good start and is running well, and with the calibre of competent leadership newly elected, is sure to continue to do so. Moving up to President is Harry Landau, W2IX. Michael Ruggiero, W2NVR is elected Vice President and the treasury will remain the the capable hands of Jerry Havel, W2RRX.

Chapter meetings are held the third Tuesday of February, August and November at noon, at Howard Johnson's in Middletown, NJ. The annual dinner meeting is held the first Sunday in May at a place and time to be announced later.

Chapter 138's Home-Brew News and Information Net meets every Tuesday evening at 2200 local time on 147.045/645, with our favorite newscaster, Phil Petersen, W2DME, reporting the news consisting of information of interest to QCWA members and of general interest to Radio Amateurs.

- Harold, WB2CJE -

QCWA CHAPTER NEWS

EASTERN NEW YORK CHAPTER #95
1120 Highbridge Road
Schenectady, NY 12303

On Saturday, October 20, 1984, thirty-one members and guests attended the Ninth Annual Dinner Meeting at Veeders Restaurant and enjoyed a delicious Buffet dinner. Kenneth Allfrey, WB4ZBK (ex WA2DYP) drove over 100 miles from Oneida, NY, to attend and display his fine collection of antique vacuum tubes.

G. William Lowenberg, Jr., W200J, Nominating Committee Chm., announced those nominated. All candidates were duly elected, as follows:

Chauncey Van Alstine, W2IWI, President
Leo M. Vashrow, W2ZPO, Vice President
William P. Hackert, W2MTE, Secretary/Treas.

Directors elected were: Wm. J. Barnes, W2GM; George L. Fuller, W2BSH; Harry M. Harvey, W2BKW; Paul R. Patterson, K2BTX and Howard S. Maguire, W2AAO.

Howard Maguire, W2AAO was presented with his Golden 70-Year Certificate. The meeting program consisted of a sound movie entitled: "Early Radio Comedians" which was enjoyed by all. The Spring Luncheon is planned for Saturday, June 15, 1985, at Veeders Restaurant.

Pictured below are the New Chapter Officers.



Pix by W. J. Barnes, W2GM

LONG ISLAND CHAPTER #81
86-83 102nd Street
Richmond Hill, NY 11418

Thirty-nine members including their ladies turned out for an excellent buffet luncheon meeting at the Red Baron, Sunday, Dec. 2nd. And it should be noted that the Happy Hour before the buffet and the speaker set the tune for the meeting.

We were extremely fortunated to have Ralph Bose, KA9AGI, as guest speaker. He is the son of George Bose, W2CJJ, a member of LIQCWA.

Ralph brought along and demonstrated a Commodore 64 computer. His well chosen topic was "Computer Technology and Programming as Applied to Personal Computers in Amateur Radio". He delivered a highly interesting presentation that was greatly enjoyed by the membership.

Our next luncheon will be early in February and we look forward to another mystery speaker nailed down by Chairman Mike, W2KO, whose batting average is .999!

- Bob, W2FRX -

LONG BEACH CHAPTER OF Q.C.W.A. #146
11473 Tortuga Street,
Cypress, CA 90630

The Long Beach Chapter #144 has completed its most crucial period, that is, it's first year of existence. Our group is in a strong position due to the physical and financial support of it's growing membership. You all deserve a hearty 'Thanks'. Your present Board of Directors were unanimously elected to serve you for another term. The Board expresses their Thanks, but next year we must, according to the By-Laws, replace three directors to keep fresh ideas and leadership in office. Please be thinking and talking about who you wish in the following Board. Remember, this is your Club.

We have had fine programs and the December program was no exception - scheduled to speak on "The Space Shuttle Program" was John S. Lotin, a very important member of the Rockwell International Corp., Engineer/Business Specialist in their Shuttle Division.

The entire gang in the Long Beach Area wishes to extend a very happy New Year 1985 to QCWA Members everywhere.

- George, K6YFG -

VIC CLARK CHAPTER #91

VIC CLARK CHAPTER #91
3717 King Arthur Road
Annandale, VA 22003

The Vic Clark Chapter #91 held its annual meeting on Dec. 4, 1984, at the S&W Cafeteria, Falls Church, VA. Officers elected for the year 1985, at that meeting are:

John H. Swafford, W4HU, President
Elmer D. Jones, K4EUX, Vice President
John J. Kelleher, W4ZC, Secretary
T. E. Bobbitt, W4HV, Treasurer

Jim Wilson, K4BAV, the ARRL Emergency Coordinator for the Northern Virginia Area near Washington, DC, gave a presentation covering the various simulations held, the support from the area emergency services (Fire and Police) and the various Clubs, repeaters, auto-patches, etc., that contribute to a smooth running organization. He also had pictures of the Air Florida Crash, where ham radio furnished the only coordinated communications early in the emergency. Stu Meyer, W2GKH, gave an interesting overview of QCWA affairs.

- John, KB2IE -

APPLESEED CHAPTER #117

75 Park Village
Shelby, OH 44875

The photograph below was taken of those who attended the Chapters Pot-Luck picnic held at the Cottage of W8LRR. Two pontoon boats gave all hands some very pleasant rides on Charles Mill Lake, near Mansfield, OH.



- Eldon, W8PO -

QCWA CHAPTER NEWS

SPACEPORT CHAPTER #66
6401 Azure Lane (B-6)
Cocoa Beach, FL 32931

The Spaceport Chapter meeting for December 15, 1984, was called to order at 12:15 PM by President Bill Wilmot, K4TF, at Gatsby's on SR 520 and Banana River, Cocoa Beach. All present identified themselves, guests and XYLs. Minutes of the November meeting were read by Charlie Bunce, K4KCN. This was Charlie's last function as Secretary as he and XYL Lydia are leaving the area. Minutes were approved as read. The financial report by Treasurer Allen Apple, K4ILX, showed a treasury balance of \$54.60.

President Bill outlined new licensing requirements and forms to be used by new licensees or those wishing upgraded or modified licenses. He also called attention to the 75th birthday of Phil, W4N00. The Program consisted of a quiz on the location of many Universities and Colleges, foreign and Domestic. The meeting concluded with awarding of 46 Certificates of Recognition to those individuals and their spouses, in appreciation of their support of the Chapter, on the occasion of the organizations 10th birthday. After introduction of the new slate of officers, the meeting was adjourned at 1:30PM. There were 46 members & guests present!

- Spence, KØREC -

ARK-LA-TEX CHAPTER 85
3025 Old Mooringsport Road
Shreveport, LA 71107

ARK-LA-TEX Chapter report that it has recently held election of Officers with the following chosen:

Louis M. Gregory, W5FLZ, President
J. D. Alexander, W5VMY, Vice President
Dwight Brown, Jr., W5WE, Secretary

The Chapter was set back pretty badly when Irv Wolfe, W5RQH, left Shreveport to take up residence in Pennsylvania and is now organized. Meetings are held on the last Tuesday of each month, at 7PM, at Brookshires Cafeteria, in Shreve City. Good programs and fellowship are featured.

Any QCWA members in the area at meeting time are most welcome to attend and take part.

- Louis, W5FLZ -

ATLANTA CHAPTER 49
2728 Peppermint Dr.,
Tucker, GA 30084

Atlanta Chapter 49 met on December 8, at the Morrison Cafeteria at Executive Park. 25 Members & guests were present. No business was transacted at this, our Christmas Party.

Wendell Cushing, K4VN, NCS for our Saturday morning net, made a presentation of ARRL net certificates to Pete, W4AUP; Bruce, W4BFR; Byron, W4BIW; Hammond, W4HL; Ed, W4JWO and to K4VN for meeting the net at least once each month for three years. During that period 35 different stations have checked into the net.

Our program was a very interesting Christmas game quiz conducted by Stan, KOJRG, and his XYL, Ann. After Gladys, XYL of W4NET, proved to be the expert in this field, Christmas presents were given out. The meeting adjourned with socializing following.

John, W4NET, was congratulated on his obtaining his Extra Class license as one of the last to pass an exam before the Atlanta FCC Office. Ed, W4JWO, recently received his 50-Year Golden Certificate. Ed is busy in church activities and chasing DX. He will be joined in the 50-Year Club by three or four members of Chapter 49 within the next year.

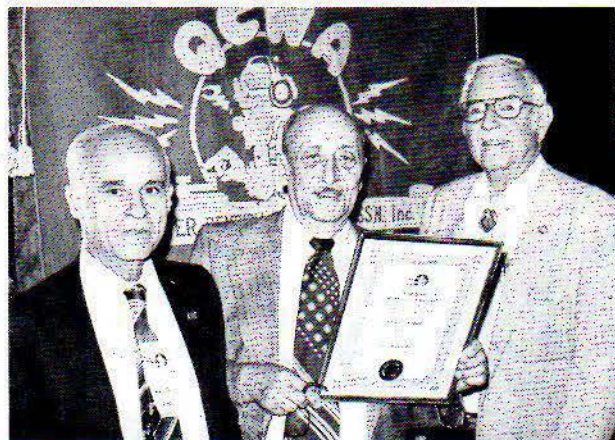
- Bill, W4UVP -

SOUTHERN CALIFORNIA CHAPTER #7
9945 Lull Street
Burbank, CA 91504

Highlight of the October Luncheon of Southern California Chapter meeting was a fascinating slide show and description by ZLIAMN, David Johnston, of a DXpedition to the inhospitable Raoul Island, 700 miles northwest of New Zealand in the Kermadec group. XYL Aola, ZLIALA, was also present, the pair being guests of Secretary Jerrie, K6INK, and Stoney Stonier, WA6PEX.

The meeting also featured the changing of the gavel from the hands of Moe Joffe, W6PHE into the capable hands of Gene Stephens, KA6HQQ. Stu Wolfe, W6FYV, is Vice President and editor of the Chapter bulletin. Bert Ayers, W6CL is Chapter Historian and Mert Moser, W6HS, Director.

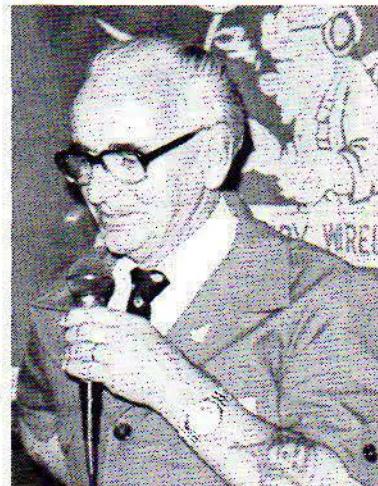
A fine luncheon was from a laden buffet at Pike's Verdugo Restaurant in Glendale, with approximately 100 present.



Above, L-R, are shown Joseph LaManna, W6HPE Moe Joffe, W6PHE and Wendell Seward. Moe, President of the Chapter makes presentation of Golden Awards.

At right David Johnson, ZLIAMN, speaking to the meeting on his Raoul adventures.

Pix by Bob Jensen, W6VGQ



- Lenore, W6NAZ -

NORTHWEST INDIANA CHAPTER # 36
1705 West 94th Place
Crown Point, IN 46307

The Chapter meeting was held at Tanglewood Apt Club house on June 22, 1984, and called to order at 8PM by Gil Galambus, W9JZA, President of the Chapter. Twenty-eight members and friends attended.

Three Chapter members received their 50-Year Golden Certificates - John Miller, W9PBS; All Darr, W9MCR; Jack Stanton, W9PSP.

The Chapter is sorry to see two of our old friends and members leaving for the West Coast - Dave Pavel, AE7B is going to Wyoming, and Jack Stanton, W9PSP, to Olympia, WA.

- Gil, W9JZA -

QCWA CHAPTER NEWS

SUWANNEE CHAPTER #62
3480 SE. 26th Court
Ocala, FL 32671

The Suwannee Chapter #62, held its Annual meeting December 8, 1984, at the Holiday Inn in Ocala, with 50 members & guests present. New Officers for 1985 were introduced and the retiring officers congratulated for the work in 1984. In addition to re-election of Hugh Henline, W4JOP, as Scty/Treasurer, and Ray Chartier, WIRFE, as President, the following were elected: Jim Armstrong, N4HZR, Vice President; and Ed Gaudet, K4BRC and George Sperry, W4UKA, as members of the Executive Committee.

A business meeting was held to discuss items on the meeting agenda. As a result of a decision reached at the past October meeting, members very generously contributed to a Christmas Fund to help a needy family in the local area. It was especially gratifying to note that the Chapter was able to raise \$200 to assist a mother with four youngsters, in a very practical way. The family problems had been very severe due to a wife abuse situation. Bob Saulpaugh, AG3S, and is XYL Terry, were in charge of the project and the members were pleased to see this Christmas Spirit replace the old exchange of gifts among the membership.

Annual dues were increased to \$3 per year. The new meeting place for our bi-monthly meetings was approved, i.e., the Holiday Inn (West), at I-75 and State Rd 40, in Ocala. The Suwannee Chapter net meets on Saturdays at 9AM on 3940 with Ed Gaudet, W4BRC, continuing as NCS. He requests a concerted effort of the membership to participate.

The 1985 meeting schedule is expected to be established during the January, 1985 meeting. The Chapter holds six meetings annually. Attendance at the luncheon meetings has averaged better than 50 and we hope to break the record (64) during 1985. We welcome any QCWA members in the area to joining with us at the meetings which are held the 4th Saturday of the even numbered months, except December, held on the 2nd Saturday. We are expecting some fine programs in 1985 and are working to increase membership by 10% in 1985.

- Ray, WIRFE -

NATIONAL CAPITAL CHAPTER, #70 -- OTTAWA, CANADA
235 Daniel Avenue
Ottawa, ON, K1Y 0C7 Canada

At it's dinner meeting, November 28, the National Capital Chapter elected a new slate of officers as follows:

Carl Everson, VE3BYX, President
George Schuthe, VE3DMC, Scty/Treas.

Directors elected were: Hal Parsons, VE3QA; Ken Scrivens, VE3LJ; Bob Armstrong, VE3RF. Considerable interest was shown in a proposal to extend "International Class Membership to Canadians, in lieu of the existing "Canadian Membership", reflecting, in part, concern over rising costs & the currently depressed exchange value of the Canadian dollar.

Plans for the year ahead include four dinner meetings, two of which will be open to wives and guests, with appropriate programs. Consideration is being given to undertaking the operation with QCWA Members of VE3JW, the station of the National Museum of Science & Technology, on one day of the week. The station is dependent for its operating personnel on clubs in the National Capital region.

Members congratulated Hal, VE3QA, on achieving his objective of working all countries. Hal has on been on the DXCC Honor Roll and is a member of the Advisory Committee.

With the onslaught of the Canadian winter, a number of the Chapter's members will be travelling to warmer climes while other wax their skis and sharpen their ice-skates. For those on hand, the next meeting is scheduled tentatively for February.

- George, VE3DMC -

NORTH TEXAS CHAPTER No. 114
2000 Victory Avenue
Wichita, Falls, TX 76301

New officers of North Texas Chapter No. 144 were installed at a regular meeting on Saturday, October 20, 1984, at Western Sizzling Steakhouse here in Wichita Falls. Joe Ward, W5AAX, installed the new officers who are:

Dick Hawkins, W5FW, President
H. R. Jefferis, W5TJP, Vice President
David Combs, W5VJW, Scty/Treas.
Joe Ward, W5AAX, Director
Charles Neals, W5NRI, Director

In the picture below,, at left, Dick Hawkins, W5FW, is congratulated by retiring President, Johnnie Adams, W5BAH, at right.



The new president took charge of the meeting and his first matter of business was to announce that the next Chapter meeting would be a Christmas Party at the home of Joe Ward, W5AAX. The President promised that the time and date would be set and everyone advised in plenty of time to attend.

The meeting was attended by 19, 11 members and nine XYLs and other guests.

- David, W5VJW

ROADRUNNER CHAPTER
62225 Candelaria NE.
Albuquerque, NM 87112

Roadrunner Chapter held election of Officers on December 8, 1984. The following were elected to serve in 1985:

Donald J. Grab, President
Hugh Winter, Vice President
Richard Stansbury, Scty/Treas.

Directors serving are: Vernon L. Thackery; Leo DePew and Carl T. Carlberg. Officers are shown in the picture below: L-R, they are: Hugh Winter, W5HD; Donald J. Grab, K5BIS; Richard Stansbury, W5SCS, Scty/Treasurer.



QCWA CHAPTER NEWS

WISCONSIN CHAPTER 55

A good crowd of 113 members and guests attended the fall dinner meeting at the Holiday Inn Waukesha. Registration & "attitude adjustment" proceeded smoothly and many "eyeball" qos were held. Following the invocation by John La Blonde, W9FZC, and directions from host Bill Haase, W9FPA, the buffet style--all you can eat--dinner of baked chicken and sliced roast beef entrees with trimmings, was a memorable experience.

After dinner, Chairman Gerend, W9OUT, asked for a moment of silence in memory of our most recent "Silent Keys", Harold Nelson, WB9QMX, his wife Evelyn, KA9AAH and Chapter Director Bill Gainer, W9SO, and all others that have preceded them. New members and guests were introduced followed by the mens' door prize drawings. The Chairman presented Harry Eckland, W9SKX, with the QCWA Golden Anniversary 50 Year Award, and the 50-Year Continuously Licensed Certificate. Gene Santoski, K9UTQ, received his Chapter 55 Membership Certificate.

The ladies then withdrew to an adjoining area for their program on "Flower Arrangements" by Dale Preuss of Alan Preuss Florists. Bouquets and other floral displays made up by Dale, were given to ladies with the lucky numbers. The program was a huge success.

During the general meeting there was election of four Board members, secretary's minutes and treasurers reports were read and accepted. Bob Baird, W9NN, announced that Chapter 55 would be handling the Feb/Mar, 1985 QSO PARTY scoring results with W9FPA doing the phone portion and K9UTQ the CW portion. A motion to amend the Constitution/by laws pertaining to date for payment of annual dues so it would be in agreement with an action taken during the Spring of 1982 meeting was defeated. A new motion to revert back to the dues year shown in the Constitution/by-laws was approved. Don Stenz, K9KSA, announced the resumption of the Wisconsin Amateur Herald newsletter. A location for the Spring meeting was tentatively selected as Wisconsin Rapids with Tom, K9CJM, and Gene, K9UTQ to look into possible places for it. It was suggested that the Chapter's net frequency be changed to one lower in the band. However, after some discussion on it, the decision was to remain on 3985 kHz. The four members elected to the board were: Bill Haase, W9FPA; Travis Baird, W9VQD; Gene Santoski, K9UTQ (new members) and Les Peterson, W9YCV was re-elected.

The General meeting then recessed and the Board met. Officers for 84/85 elected were: Travis Baird, W9VQD, Chm; Frank Guth, W9BCC, Vice Chm; Les Peterson, W9YCV, Secretary; and Rich Regent, K9CDF, Treasurer. The Board reaffirmed that membership in National QCWA was necessary for membership in the Chapter. Upon request, any member thus dropped whose dues in the Chapter are paid up beyond December, 1984 may have those full years dues refunded. The Board also decided to give Board members a list of the Silent Keys' wives closest to their area so they can invite them to the Chapter meetings. Wisconsin Rapids was approved as the location for the Spring '85 meeting.

The general meeting resumed. The names of the Officers for 1984/85 were announced and the meeting was adjourned. The customary auction conducted by W9VQD, with the able assistance of Harv, K9YHO, followed with the proceeds going to help defray expenses of the meeting. Afterwards, members either departed for home or remained for a short time to conduct more "eyeball" qos.

- Les, W9YCV -

WEST VIRGINIA CHAPTER QCWA (30)
P. O. Box 308
Elkins, WV 26241

The West Virginia Chapter held its fall meeting at the Rose City Cafe in South Charleston on September 29, 1984. The meeting was not as well attended as usual but we still had twenty-four members, guests and wives present. Several

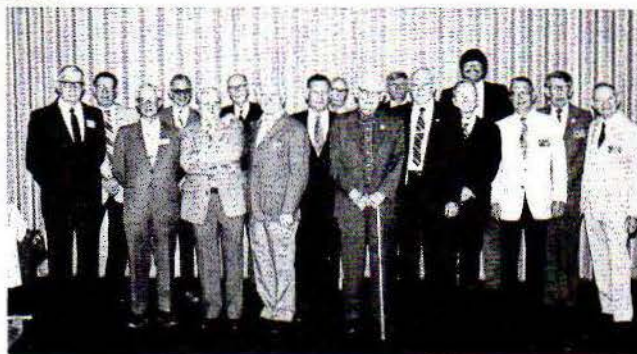
members were away or out of the State. Dinner was served at 7PM following a social hours from 6 to 7 giving everyone a chance to talk over what had gone on since last we met.

President Al Hix, W8AH, asked for a moment of silence for Silent Key, Fes Greathouse, W8PZT, who had passed away on August 29. Fes will be missed by this Chapter for a long time as he was a Charter Member and one of the organizers of the Chapter. We were glad to see in attendance two new members and one or two future members. Also we were glad to have with us W8CWY, from Wellsburg, and his brother KA8OGF, from Hurricane. A short business session was held after the dinner was over, at which time President Hix brought us up to date on several items concerning the future of some of our ham frequencies.

At our fall meeting it has been the custom to elect Officers for the following year...elected were:

Al Hix, W8AH, President
Bob Hall, W8QH, Vice President
Bob Hough, W8ESQ, Secretary/Treasurer

A very interesting program on Ham Radio, prepared by TV Station KTTV, Long Beach, CA, was presented by Jim Lingan, AC8K, and Jim Davis, KU8R. The program was enjoyed by all present.



In the photo above, are shown some of those present at the meeting. Back Row, L-R: W8ESQ, W8OVI, W8KM, K8PTF, W8LYV, W8LBN, KU8R, W8CCR; Front Row, L-R: AC8K, W8NR, W8SHU, W8NA, W8HZA, K8SUS, W8ELJ, W8QH, W8AH,

- Bob, W8ESQ -

HAVE YOU PAID YOUR CHAPTER DUES YET? IF NOT, WHY NOT MAKE YOUR TREASURER'S DAY, SEND THE DOUGH NOW!

QCWA SOUTHEAST FLORIDA CHAPTER No. 12
7340 SW 123 Street
Miami, FL 33156

At the September meeting, the annual picnic, to be held in October was discussed. Unfortunately the rising costs of using one of the local parks has become prohibitive, and it was decided not to have the annual outing.

There were 22 present at the October meeting, chaired by our Vice-President, Ted, K4ONY, with Jack, W4DLT, acting as Secretary/Treasurer. As usual there was good fellowship & good food at the Coral Gables Chateau Bleu.

There was a very lively auction for a National Ceramic Coil, Type XR 12A, including the original box and directions. George, W4UAA, is the proud owner of this fabulous piece of equipment now. New and old business was discussed.

We are all saddened by the passing of Carl Gauzens, W4DTJ. Our heartfelt sympathy to Evelyn, W4WYR and the family. He was a real gentleman, a credit to Ham Radio and the QCWA.

A movie on "Chest Pain" for the public, by the American College of Physicians is scheduled for our December meeting and please bring a friend!

= Tracy, W4YN =

QCWA CHAPTER NEWS

UPPER MIDWEST CHAPTER OF QCWA
8550 Imperial Avenue, South
Cottage Grove, MN 55016

Upper Midwest Chapter held its 98th meeting November 15, 1984 at the Viking Village, in St. Paul, MN. Dinner was at 6:00 PM. At 7:00PM, President Fred Childs called the meeting to order. He asked each member to introduce themselves and guests. The minutes of the previous meeting were read, corrected and adopted. Frank Moser, W0SNX, gave the treasurers report which was approved as read. President Childs reported on progress of our local dues. Frank Moser advised that the President of the Minneapolis Radio Club had extended an invitation to attend their meeting of December 21, 1984 where a demonstration of "Packet Radio" would be made by Tom Ware, W0CF.

The revised by-laws were written up by Ray Weihe. A motion was made by President Childs to accept the revision, which carried. President Childs then presented the Golden Awards to Ben Swezey, W0RAG and Ed Hardt, W0JS. A picture of this appears below where, L-R are: Ben Swezey, W0RAG, Fred Childs, W0WQ and Ed Hardt, W0JS. Congratulations!



Jack Webb gave a brief talk of his experiences as Radio Op on the SS George X Cox, that went aground on the reef at the Rock of Ages, in Lake Superior, in May 1933. He sent the SOS that alerted the Coast Guard at Two Harbors, MN.

Guest Speaker for the meeting was Gar Anderson, K0GA, who gave a very interesting account of the various things that took place at the National ARRL Convention. Among some of the things proposed was to have one Extra Class and two Advance operators present at the time of examinations. He also noted how important it is to train new Hams to replace one that are becoming SK. He also spoke about the importance of Packet Radio.... and what is being done to help combat zoning restrictions on Ham antennas and towers. He announced the coming of the new 1985 ARRL Handbook.

Tom Winn, W0MGG said he felt that the term "Amateur Hobby" should be changed to Amateur Radio Service.

--Jack, W0GVV--

CENTRAL ILLINOIS CHAPTER 59
Rte 3, Box 51
Bloomington, IL 61701

67 members, and guest were in attendance at the Fall meeting of the Chapter. The meeting was held at the Village Inn, at Tonic, IL. Though the weather was rainy and cold on the outside, a spirit of joviality prevailed on the inside....President Ron Asbill, W9ROK, opened the meeting with a welcome to all. Following a fine dinner, a short business meeting was held, followed by the introduction of all persons present. This was followed by a short session of getting acquainted with your neighbor.

Entertainment for the evening was provided by the American Radio Relay League, with a film entitled "Northern Lights". To complete the evenings festivities, prizes were

awarded....many of those present went home with a smile on their face.

The Spring meeting of Central Illinois Chapter will be held at the Facilities of Klaus Radio, in Peoria, on March 30, 1985.

- Johnny, W9ZEN -

NIAGARA FRONTIER CHAPTER 65
103 Lou Drive
Depew, NY 14043

Niagara Frontier Chapter 65 meets every Saturday at noon at the Williamsville Inn, Main Street, Williamsville, NY. All hams are welcome to attend these luncheons and enjoy our friendship and hospitality.

Niagara Chapter had a very successful Fall Dinner Party on November 10, 1984, at the Friars Table Restaurant, in Buffalo, NY. About 68 of our members attended and a good time was had by all.

Pictured L-R, local FCC Engineer, James E. Taylor, KC2U, his wife and the wife of W2PNW. My apology to the ladies, but the photographer did not include their names with the pix. W2PNW is F. Cecil Logan, who was given his 50-Year Certificate at the meeting.



- Howard, W2KZ -

INLAND EMPIRE CHAPTER No. 130
1208 East 9th Street
Upland, CA 91786

INLAND EMPIRE CHAPTER 130

Our picnic in Redlands, on July 28th, to celebrate our 200th on-the-air meeting, was enjoyed by forty-five members and friends. Mary Pilkington, wife of Russ, K6OMN, brought a large roaster full of her famous baked beans which were enjoyed by all of us. THANKS, MARY! Russ and Mary also brought some hot dogs, buns and other goodies for us to enjoy. They arranged for our use of Sylvan Park and also paid the required fees. We appreciate your generosity.

Our President, Phil Beisel, K6PG, provided the watermelons and the Secretary had them iced and brought them to the Park. J. B. Thompson K5HSS, assisted Tord, N6GOT, in setting up the 2-meter rig and antenna. The ten-foot mast for the antenna also served as holder for the QCWA banner. "JB" was a good director for those who needed assistance by radio as he lives in Redlands. He also helped Russ in putting paper on the tables, Thanks, JB, for your assistance and to you too, Russ.

After eating lunch and having one or two pieces of delicious ice-cold watermelon, some business was conducted. President Beisel presented the Golden Certificate for Continuous Service to Jack Prather, W6KJP. Congratulations, Jack, for your Award. Jack is well known among us as he is MC for the early morning check-ins on Saturdays. Two members also paid their dues....Then, Bert Ayers, W6CL, brought out an old Spark Transmitter and after getting it set up, "Clate" Blake, W6AGK, drew quite a crowd as he pounded the "Brass" simulating a ship-to-shore communication. Thanks, Bert and Clate....Furthermore, I sincerely thank all of you who came and helped to make this a successful event....your Secretary, Tord, N6GOT.

- Tord, N6GOT

QCWA CHAPTER NEWS

NORTHWEST CHAPTER "4"
48 E Harrington Lagoon Rd
Coupeville, WA 98239

The dinner meeting in Lynnwood, WA was attended by 71 members and guests. John Layton, W7GPS, was in charge of arrangements and also took care of registering. 42 members of the QCWA were on hand, the rest of the 71 attending were XYs and Ys. Dick Foster, K7AJT, Chairman of Northwest Chapter acted as Master of Ceremonies. Harold Johnston, W7PN, gave the invocation. After the Happy Hour, each of the members introduced themselves and guests. We enjoyed a very lovely Roast Beef Dinner!

The only speeches allowed were Dick Foster's welcoming and a short talk by Mary Lewis, or Northwest Division Director of ARRL, who reported on the intention of the League to open a new headquarters in the Midwest, and the status of the Volunteer Examination operation.

A very interesting slide presentation of the history of the radio and electrical experiments up to the year 1920 was given by Harry Lewis, W7JWJ. This program topped off a very enjoyable evening. The next Chapter meeting will be the last Saturday of April, 1985, in Centralia.

In the picture below, L-R, are shown some of those who attended the meeting: Mrs. Carl Butler; Carl Butler; Hazel Zinn, widow of Bill Zinn, W7CM; Ray Stercy, W7GRM; Herb Aukland, W7AUK; Eleanor Kaylor, YL of Albert Mowery, N7CT.



- Albert, N7CT

PIEDMONT CHAPTER #126
Rte 2, Box 20G
Cleveland, NC 27013

Piedmont Chapter 126 met in Concord, on December 10th, with over 40 members and girl-friends in attendance. The son, Mel Jr., of Mel Buchanan, W4DSU, gave a slide talk on his recent trip to Russia. The talk was very interesting and produced a lot of questions and answers that left many of us glad he went instead of us.

Winston-Salem was selected as the place to hold the 1985 National Convention because of a greater number of interests for ham and non-ham visitors. A major part of the business meeting was devoted to planning the occasion. Our Director, Wade Holland, W4AZT, was in attendance and offered valuable advice from his experience and background. The Convention Committee is meeting often as planning goes on.

The next meeting of Piedmont Chapter will be held in Winston-Salem on March 9, 1985. All QCWA members and friends are invited to attend. All area QCWA members not currently Chapter members are urged to contact the Chapter Secretary, N4UH, to associate with us.

- Henry, N4UH -

DEDICATION

The ability to carry out a resolution long after the mood in which it was born is gone!

FLORALA CHAPTER 84
618 Pelican Dr
Ft. Walton Beach, FL 32548

Floral Chapter holds its monthly meeting at the Western Steer Steak House in Ft. Walton Beach, Florida. Meetings are on the second Saturday of each month, September thru June, at noon. Visitors are invited to set in with us when in the area.

At the recent election, the following were elected to serve for the new Year:

Bob Miller, WD4FSC, President
Charley Long, W4BYE, Vice President
Bill Hord, W4WIJ, Secty/Treasurer
Hap Oliver, WD4HMJ, Chaplain
Babs Corey, W4HYV, Historian
Liaison, W4WKQ, Liaison

Winner of the 1984 QSO Party event, Joh, W4WKQ, has also received his QCWA Awards for 50 Years as a ham and for 50 Years of being Continuously Licensed.

- Bill, W4WIJ -

BEAVER STATE CHAPTER 108
6126 NE. Parkside Drive,
Albany, OR 97321

The Beaver State Chapter held its fall dinner meeting at "The Other Place" in Salem, OR, on November 18, with 36 in attendance. The main item of business was the adoption of a Chapter Charter which charges an Executive Board with carrying on the routine chapter business which allow more time at our meetings for "eye ball" contacts and other things of mutual interest to the members, guests and XYs.. The members discussed the possibility of organizing one and or two day chartered bus trips to places of interest as another method of increasing Chapter interest. Our President's XYL, N7EJO, presented a narrative travel log about their trip to a Himalayan mountain glacier.

Our winter (February 17, 1985) meeting will be held in Corvallis, at a location to be announced.

- Fred, W7LBH -

FLORIDA KEYS CHAPTER 147 QCWA
616 North Silver Circle
Key Largo, FL 33037

Things have been pretty quiet this summer at the Florida Keys Chapter 147, with most members up north. We held our last meeting on May 2nd, at my QTH. The good news is that we have 16 members, not all active. The sad news is our Secretary/Treasurer, R. M. Sherrill, K4CBT, has had to resign because of ill health. He has moved near San Francisco, CA, to live with his daughter - he's 84 years of age. We are hoping that he recovers and returns to us. We cannot elect another Secretary/Treasurer until we get going again with the full Winter Season which should be underway when this is printed. We will have to suspend summer meetings in the Keys until we have enough members to attend the meetings called. Please say a prayer that K4CBT gets well!

- Jean, K4VGD -

PALM BEACH CHAPTER # 111
8031 Pine Tree Lane
Lake Clarke Shores, FL 33406

Palm Beach Chapter of QCWA announces election of Officers for the coming year, as follows:

Frank J. Mayernik, W2ASM, President
James King, W4JPP, Vice President
Floyd Hermanson, W4NFI, Secty/Treas.

The Chapter sends best wishes to QCWA members throughout the world.

- Frank, W2ASM -

Members Newly Enrolled in QCWA

09-10-84	18,157	Eugene C. Pauly	W6SAN	Playa Del Rey, CA	Tord Berg	N6GOT
09-12-84	18,158	David A. Langston	W9FYI	Decatur, IN	-	-
09-17-84	18,159	Nelson Bailey	K5TML	Conway, AR	Leland W. Smith	W5KL
	18,160	James A. Fischer	W9LPF	Milwaukee, WI	Lester Peterson	W9YCV
09-18-84	18,161	Glenn L. Thompson	W5SUV	Denning, NM	-	-
	18,162	Milo F. Moucha	W4TIJ	Alexandria, VA	-	-
	18,163	Robert C. Klein	K9RTB	Beaver Dam, WI	-	-
	18,164	Victor OI Wilkerson	WA2CII	Vestal, NY	-	-
	18,165	Ron Banaszak	W9MDF	Chicago, IL	-	-
09-19-84	18,166	Frank O. Davis, Jr.	W5VDS	Wimberley, TX	-	-
	18,167	Ewald Groppel	DJ2TG	Witten, FRG	-	-
	18,168	Ulf Schreglmann	DJ5QY	Frankenberg, FRG	-	-
	18,169	Juergen Bennoehr	DL1NP	Fahrdorf, FRG	-	-
	18,170	Ernst Krog	DL6II	Hoxter, FRG	-	DL1SF
09-20-84	18,171	Robert J. Mercer	K8IST	New Philadelphia, OH	-	-
	18,172	Marchal H. Caldwell Sr	W6RTK	Citrus Heights, CA	-	-
	18,173	Robert S. Murphy	N8AFP	Murfreesboro, TN	-	-
	18,174	Richard L. Rayner	K9AYW	Arlington Heights, IL	Leo Meyerson	W0GFQ
09-24-84	18,175	Charles H. Arkle	WA2LMW	Red Bank, NJ	Bob McKinley	W2OMW
	18,176	Earl G. Meyer	WA6KPA	Phelan, CA	Tord Berg	N6GOT
	18,177	Warren Smith, Jr.	WB6TOM	Lakewood, CA	Wiolet Barrett	W6CBA
	18,178	Margaret L. Harnois	K1GSF	Westbrook, ME	Onie Woodward	W1ZEN
	18,179	Gregory Lynn Winters	K4PVA	Jacksonville, NC	-	-
09-26-84	18,180	Ralph Armstrong	K5ILX	Wichita Falls, TX	-	W5VJW
09-27-84	18,181	L. Thomas Stanfill	KD7BK	Eugene, OR	-	-
09-25-84	18,182	W. E. Youngblood	KESOA	Dallas, TX	-	W5IS
09-27-84	18,183	Jack M. Loewenstein	K4CE	Miami, FL	Wes Randles	W4COW
10-01-84	18,184	A. P. Sligh	W5RJH	Monahans, TX	Mel Boatman	W5AWT
	18,185	Ronald C. Smith, Sr	K4GHG	Jacksonville, FL	Charles Walters	W4HMD
10-02-84	18,186	Alphonse A. Sallett	W3TEV	Pennside, PA	-	-
	18,187	Cliff Deamer	G3NDC	Stanmore, Middlesex, GB	-	-
	18,188	Joseph G. McDonald	W0IYT	St. Paul, MN	Jack Webb	W0GW
	18,189	William Ralph Farrall	W0FHJ	Grand Island, NE	Bob Rudd	W0EUT
	18,190	Perry L. Romig	KF4DI	St. Petersburg, FL	Art Monsees	W4BK
	18,191	William P. Boyd	W0VNZ	Kansas City, MO	Ken Klippel	W6FN
	18,192	Paul S. Armstrong	K7HWK	Miles City, MT	Leslie S. Blewett	W7OIO
	18,193	A. E. Gillander, Jr	N2EJL	Rome, NY	Raymond Griswold	W2SD
10-03-84	18,194	Carl A. Engman	W2IHH	South Miami, FL	-	-
	18,195	Eric Silk	VE3VE	Streetsville, ONT	-	VE3EFX
	18,196	Alberto E. Symonds	CX4HS	Montevideo, Uruguay	-	-
	18,197	Glenn R. Retherford	N9DOK	Milan, IN	-	-
10-0--84	18,198	Billy R. Covington	WE4C	Inverness, FL	-	W4ILE
	18,199	Earl S. Walton	W8LBN	Huntington, WV	Al Hix	W8AH
	18,200	David P. Koch	W8LNL	Canton, OH	-	-
10-08-84	18,201	Avery C. Baswell, Sr.	W4PWS	Gainesville, GA	Avery C. Baswell, Jr.	W4PWS
	18,202	Vincent J. Varnas	K8REG	Chillicothe, OH	-	-
	18,203	Robert E. Ellis	W8NO	Shelby, OH	George Andrews,	W8GGS
	18,204	Alcide V. Bergeron	W1ZJK	West Newbury, MA	Onie Woodward,	W1ZEN
	18,205	Stephen R. Gorski	K1GDE	Lynn, MA	Onie Woodward,	W1ZEN
	18,206	Leo Morgan	K1LRX	Peabody, MA	Onie Woodward,	W1ZEN
	18,207	Thomas A. York	N6DFL	Carmichael, CA	-	-
	18,208	Robert F. Wyman	N1CWA	Norwood, MA	Onie Woodward,	W1ZEN
	18,209	Robert K. Dye	W8TV	Columbus, OH	Ralph Rickett,	W8BTW
	18,210	Doris A. Stauff	K1LBQ	Waterbury, CT	Milton E. Chaffee	W1EPW
	18,211	Gene Stauff	W1DDE	Waterbury, CT	Harry Wills,	W1DJ
10-16-84	18,212	Edward Stuart Eby	KF1B	Waterford, CT	Carl S. Walther,	W1OPZ
	18,213	Edgar Henry Peters	W4PKP	Lehigh Acres, FL	David W. Bowman,	W4OUU
	18,214	Geo. W. Henderson Jr.	AK5R	Ft. Worth, TX	O. R. Hennington,	W5IWE
	18,215	Robert L. Pullen	K8GAG	Sutton, WV	Robert D. Hough,	W8ESQ
	18,216	Dominic O. Terracciano	K2YQK	Floral Park, NY	David W. Winter	W2AUF
	18,217	John J. Loidhamer	K7ASZ	Tacoma, WA	Ray Etherington	-
	18,218	Ronald D. Eveland	W6HFZ	Cerritos, CA	-	-
	18,219	Robert G. Hicks	W1BH	Chelmsford, MA	Onie Woodward,	W1ZEN
	18,220	H. E. Longshore	K6GSX	Lakewood, CA	Bill	W6TBN
	18,221	Robert W. Barker	K9RIJ	Milton, WI	-	-
	18,222	Ronnie S. Vician	K9OCE	Chicago, IL	-	-
	18,223	Jerome Doerrie	K5IS	Booker, TX	Bud Tamm,	W4YID
	18,224	John J. Turik	KN3M	Meadville, PA	Charles S. Garrigus	W3NRU
	18,225	Bernard W. Joseph	K8LIX	Berkley, MI	-	-
	18,226	Scott T. Williams	AE6U	Gualala, CA	-	-
	18,227	Joseph W. Fink	N5FGX	Irving, TX	-	-
	18,228	Kendel D. Swartz	W9NNV	Milwaukee, WI	-	W9NZF
	18,229	Notra O. Stoner	W4BGF	Lakeland, FL	Merritt A. Stoner	W4BJI
	18,230	Richard C. Doolittle	W9KMF	Stevens Point, WI	Frank L. Guth	W9BCC
10-18-84	18,231	Margaret C. Byrd	W7FVF	Portland, OR	George A. Onsum,	W7IC
10-26-84	18,232	Mike Powers	K5GCO	San Antonio, TX	Louis J. Kocurek, Jr.	W5VIV
	18,233	Radford F. Lewis	W4LKY	Oriental, NC	-	-
	18,234	William H. Moore IV	W3TAL	Baltimore, MD	-	-

Members Newly Enrolled in QCWA

	18,235	Serge Costin	K2PA	Farmingdale, NY	W2JGR, W2QL, W2LZX	
	18,236	Henry J. Schaumloffel	WA2IUU	Queens Village, NY	-	
	18,237	Donald J. Myslewski	K3CHD	North Huntingdon, PA	-	
	18,238	Edmund J. Chaffee	KF4DV	Dunedin, FL	-	
	18,239	Loren E. McKnight	W6RWQ	San Diego, CA	Si Morrison	W6OSD
	18,240	Donald Ellis Finlayson	VE7FGK	North Vancouver, BC	Ernie Savage,	VE7FB
	18,241	Alfred William Arens	WA6ACS	Arcadia, CA	Leland Smith,	W5KL
	18,252	Charles E. Williams	W3GRK	New Carrollton, MD		W2ETS
	18,243	John A. Beagles	N6EZG	San Diego, CA	-	
	18,244	Claude R. Snyder, III	WA2GBJ	Endwell, NY	-	
10-31-84	18,245	James W. Hunt	W9PQH	West Dundee, IL	Ethel Smith,	K4LMB
	18,246	Dow E. Evelyn	KB4ZU	Springfield, VA	-	
	18,247	Malcolm N. Fredstrom	KL7HKP	Anchorage, AK	-	
	18,248	David A. Kelley	K5MSN	Baton Rouge, LA	-	
	18,249	Carl F. McDaniel	W3HCW	Williamsport, PA	-	
	18,250	F. Parker Heinemann	W1YG	Naples, FL	-	
	18,251	Phillip E. Coley	K4MPE	Taylors, SC	-	
11-06-84	18,252	Edward C. Edmonds, Jr.	KI4QS	Hernando, FL	Regis Kramer,	W4ILE
	18,253	Charles F. Stevens	K8RIF	Lakeland, FL	John R. Spark	W4LHP
	18,254	Roy V. Glasscock	KC0JG	St. Louis, MO		W0PUS
11-08-84	18,255	Donald J. Poulin	W1MXC	Andover, MA	Onie Woodward,	W1ZEN
	18,256	Donald A. Cyr	N9EAY	Milwaukee, WI		K9GDF
	18,257	Bruce W. Peterson	W6JWL	Desert Hot Springs, CA	Bert F. Ayers,	W6CL
	18,258	Felix Nerod	K4CKK	Lake Alfred, FL	-	
	18,259	Dan Blackburn	K5ZCO	Dallas, TX	-	
	18,260	Richard G. Miller	K3JXO	Portersville, PA	-	
	18,261	Robert E. Lowrey, Jr	W4DQW	Bradenton, FL	Frank G. Mullins, Jr.	W3BOU
11-09-84	18,262	Rudolph J. Szabo	K8MWL	Macedonia, OH	Clyde Rothstein	
	18,263	Ferris Wm. Polston	KE4TS	Louisville, KY		K9EAT
	18,264	La Rue H. Schick	W3MMI	Erie, PA	Charles Garrigus	W3NRU
	18,265	Lawrence P. Frank	WA6TCI	Marina Del Rey, CA	Harry Gartsman	W6ATC
	18,266	Myron Zuk	W3ONP	Baltimore, MD	-	
	18,267	Robert T. Fehr	K0WPK	St. Paul, MN	Marvin Mahre,	W0MGI
	18,268	William M. Staudenmaier	WF4F	Port Isabel, TX	-	
	18,269	William John Steele	WA2AUO	Harrington Park, NJ	-	
	18,270	Carl H. Larson	WA0DFF	Bedford, IA	-	
	18,271	Carl E. Butler	W7PRW	Seattle, WA	Jim Barrows,	W7BCT
	18,272	Richard W. Fleck	K3RFF	Selbyville, DE		W2AGR
	18,273	James Edgar Palmer	W6WWU	Santa Maria, CA	-	
	18,274	Welma Harman	K4RYJ	New Bern, NC	-	
	18,275	Robert F. Briggs	W8MMC	Independence, OH	Clyde Rothstein	
11-19-84	18,276	Raymond Sloss	K5ZFN	Baton Rouge, LA	El Charlton,	W5MD
	18,277	Raymond A. Rogers, Jr	KA2QOC	Middletown, NJ	-	
	18,278	Wayne L. Jamison	W5FJS	Houston, TX	-	
	18,279	Robert C. Dunn	W1KSD	Port Orange, FL	Ernest E. Curry	
	18,280	Will Harper	K4IWW	Cary, NC	-	
	18,281	James L. Minear	K0UIS	Omaha, NE	-	
	18,282	Russ Hagenbucher	K0HTO	Fremont, NE	Tom Bracket,	K0FJN
	18,283	Robert W. Potter	WA2ALQ	Clifton, NJ	F. Wardell Tietsworth	W2SUE
	18,284	James C. Chase	W2VGE	Rome, NY	-	
	18,285	Jacob P. Watson	K8MUK	Akron, OH	Chet Rataski	K8GRO
11-20-84	18,286	David Vogel	NL7P	Anchorage, AK	-	
	18,287	David H. Roberts	VE6XY	Grande Prairie, ALB	Earle W. Smith	
	18,288	Michael J. Baker	NL7G	Anchorage, AK		KL7PJ
11-21-84	18,289	Robert W. Deiker	KA5TLG	Fort Worth, TX	-	
11-28-84	18,290	Robert W. Riley	N0FKH	Stillwater, MN	Marvin Mahre,	W0MGI
	18,291	Robert M. Knight	K7JCI	Wima, WA	Richard J. Foster	K7AJT
	18,292	Arthur R. Brown	W9MSH	Ellsworth, WI	-	
	18,293	Richard F. Slepicka	K6IFN	Big Bear City, CA	Tord Berg,	N6GOT
	18,294	Lawrence P. English	K2XI	Haddon Heights, NJ	Sidney L. Deitz,	W2FDE
	18,295	Al Lee	W6KQI	Tehachapi, CA	Tord Berg,	N6GOT
	18,296	Charles Early	K8RSH	North Olmsted, OH		W8ALB
	18,297	Bruce M. Plowman	VK3QC	Glen Rowan Victoria 3674, AUS	Tord Berg,	N6GOT
	18,298	Winthrop E. Fowler	KD6GX	Hemet, CA	Tord Berg,	N6GOT
	18,299	John E. Huetter	K8DZR	Lakewood, OH	Clyde Rothstein	
	18,300	Ronald J. Ranallo	WA2QKF	Tully, NY	-	
	18,301	John G. Plummer, Jr	W1AMC	Cheshire, CT	Milton E. Chaffee	W1EPW
	18,302	Robert D. Clutter	WA8SSR	St. Petersburg, FL	Paul A. Turner	
	18,303	Hans Waitz	DL3WV	D8520 Erlangen, FRG	A. Leinemann	DL9AR
	18,304	George Mirus	DL1MM	D6980 Wertheim, FRG	A. Leinemann	DL9AR
12-07-84	18,305	John Wasmuth	W8BP	Marquette, MI	Eugene Cole	W8VJD
	18,306	Edward W. Handly	W1OOR	Spring Hill, FL	Regis Kramer	W4ILE
	18,307	Leo Ritter	W2OHR	Oceanside, NY	Mark LoBosco	W2YTR
	18,308	H. L. Van Ness	W7MPW	Seattle, WA	-	
	18,309	Harry T. Litts	K7SGQ	Medford, OR	-	
	18,310	Beverly R. Spindler	K2TPE	Rome, NY	G. Wm. Henry	W2WNK
	18,311	Larry W. Cannon	K0SFV	Hutchinson, KS	R. Lyle Surtees,	W0UUS
	18,312	Myron Jacob Kaufman, Jr	K2GAT	Wyandotte, MI	-	

Members Newly Enrolled in QCWA

	18,313	Theodore J. Spurgeon	K5PJO	Ardmore, OK	-	
	18,314	Robert Moore, Jr.	K8EJM	Dayton, OH	-	
	18,315	Maurice Lindquist	W1ORG	Plainville, CT	Milt Chaffee,	W1EFW
	18,316	Frederick M. Beatty	K8AJX	Randolph AFB, TX	Jim Wright,	K5CDT
	18,317	Joel Eschmann	K9MLD	Hartford, WI		W9VQD
	18,318	William T. McFarlen	WA5VGI	Thousand Oaks, CA	Archie Willis,	W6LPJ
	18,319	Raymond M. Drew	K1BGT	Bowie, MD		
	18,320	David L. Heller	K3TX	Yardley, PA		
	18,321	William J. Williams Jr	W7MLM	Ashland, OR	W. Shrader	W7QMU
	18,322	Robert L. Larson	W7LNG	Medford, OR	W. Shrader	W7QMU
	18,323	Arthur M. Savaro	K7BUU	Medford, OR	W. Shrader	W7QMU
	18,324	Norman L. Neel	W0QOT	Days Creek, OR	W. Shrader	W7QMU
12-13-84	18,325	Ivor J. Mills	VE7CIJ	Vancouver, BC	Steve Hand	VE7AIO
	18,326	Frank J. Hanzl	KC2I	Carlstadt, NJ		
12-17-84	18,327	Paul R. Steiner	K8UOZ	Harlingen, TX	C. R. Putnam	N5CP
12-17-84	18,328	Dick Evans	K0DOJ	Britt, IA	Robert R. Beals	K0DBW
	18,329	Raymond J. Phillips	K5RPL	Houston, TX		
	18,330	Jeraid M. Peterson	WA3URA	Bluemont, VA	John Kanode	N4MM
	18,331	Donald R. Nowak	K7EKX	Seattle, WA	Herb Williamson,	K7LYT
	18,332	Kenneth E. Erickson	W7JF	Billings, MT	Orval F. Hill	W7DB
	18,333	Frank Sabo	K2CSY	Bloomington, NJ		W2KIE
	18,334	Frank F. Gosselin	VE3DGI	Toronto, ONT		VE3AR, VE3EFX
	18,335	Sidney H. Carson	N5HFR	Texas City, TX		
12-21-84	18,336	Alexander R. Lawrie	K5BZ	Albuquerque, NM	Joe Knight	W5PDY
	18,337	Paul O. Platt	WA6HCV	Santa Monica, CA		KA6HOQ
	18,338	Edward S. Baker	W7RC	Wildomar, CA	Tord Berg	N6GOT
12-26-84	18,339	James M. Phelps	W6LLP	Sacramento, CA		
	18,340	Irving H. Blifford, Jr	WB0DHH	Boulder, CO		
	18,341	Robert E. Simmering	N4LEN	New Port Richey, FL		
12-28-84	18,342	James E. Yahey	KA1KML	Cranston, RI		W1MB, W1EOF
	18,343	Ernest Major Williams	VE3BPO	Seaforth, ONT		
	18,344	Harold A. Blough	KD5KQ	San Antonio, TX		
	18,345	James A. Guida	W1KQ	Arlington, VT		
	18,346	William G. Hammond	W7OTJ	Fishtail, MT		
	18,347	Gregory R. Combs	K7ZX	Springfield, OR	Jim Walsh,	W7LVN
	18,348	Joseph Leferson	W1LUH	Stamford, CT	H. Nordholm	W1IAO
	18,349	Jim Young	W5ZZ	Richardson, TX		
	18,350	Norman C. Willis	W5OC	Dallas, TX		
	18,351	Harry M. Hansen	K9JIQ	Park Ridge, IL		
	18,352	Robert A. Ellenwood	W7BWO	Roseburg, OR	Bob Benefel	
	18,353	Wayne J. Bennetsen	KC0YC	Town & Country, MO	Richard Ridenour	KB0ZL
	18,354	Mildred M. Stine	W6KHM	Millbrae, CA	Esther Given	W6BDE
	18,355	John M. Hollywood	W1SK	Red Bank, NJ		
	18,356	Kenneth I. Albrecht	W5VPV	Ottawa, KS		W5VJW
	18,357	Henry Paulisen	W2AQ	Bayside, NY	David W. Winter	W2AUF
	18,358	B. Neal McDwen	K5RW	Richardson, TX	Frank Wold,	N5FW
	18,359	Harry Goldstick	WA6JTM	Lakewood, CA	Alan Halberg,	K6PQZ
	18,360	George R. McLeod	KU3Y	Bethesda, MD	Ethel Smith,	K4LMB
	18,361	Howard Rainey	W5ASH	Wichita Falls, TX		W3AOX
	18,362	Robert L. Stephen	KE6WH	Mt. Shasta, CA	Earl Wulff, Jr.	KA6D
01-07-85	18,363	Valentine V Seidle	W3KDB	Pipersville, PA		
	18,364	Robert Schwartz	KQ5K	Tyler, TX	Ray Youngmeyer,	W5QF
	18,365	Harold C. Stavermann	N0FIT	Aurora, CO	Robert Jensen	
	18,366	James N. S. George	VE3CNS	Rexdale, ONT		
	18,367	John L. Hackert	WA2JAE	Schenectady, NY	William P. Hackert	W2MTE
	18,368	Norman R. Walker	W0OUJ	Vinton, IA	Bob Beale	K0DBW
	18,369	L. Charles Tardiff	W3EHG	Hamden, CT	Milt Chaffee	W1EFW
	18,370	John W. Moore	KD1E	Milford, MI		
	18,371	Louis G. Arnold	K9ALP	Columbus, OH		
	18,372	John W. Arbuckle	K0IZI	Ankeny, IA	Bob Beale	K0DBW
	18,373	Stephen J. Marstall	K7SM	Nogales, AZ		
	18,374	Leland W. Schubert	NE2M	Far Hills, NJ	Gordon Gregory	N2IN
	18,375	Thomas P. Jaworski	WA1MJE	Great Barrington, MA	Onie Woodward,	W1ZEN
	18,376	Paul N. Katz	W5NTQ	Houston, TX	Bob Cox	AB5X
	18,377	John Hart, Jr.	WA2HWJ	Wesley Hills, NY		
	18,378	Wilbert J. Parrish	K4KXB	Brooksville, FL		
	18,379	Bruce W. Burton	KU9A	Coal City, IL		
	18,380	J. P. Gunther-Mohr	K2VMO	Naples, FL		
	18,381	Val L. Erwin	W5PUT	Frisco, TX		W5YJB
	18,382	Oskar Koehler	DL3JV	D 6074 Roedermark, FRG		
	18,383	Alfred Buttner	DJ3OP	6700 Ludwigshafen, FRG		
	18,384	Leonard R. Russell	WD0ACC	Winfield, KS		
01-09-85	18,385	Richard M. Dunlap	N1DHH	Middletown, RI	Edw. J. Murphy	W1LO
	18,386	W. L. Pratt	K5ASZ	Ft. Worth, TX	Len Keech,	W5NJQ
	18,387	Wally Shapiro	N2WS	Woodmere, NY	Milton E. Chaffee	W1EFW
	18,388	Barry W. Fox	W1HFN	Shirley, MA	Onie Woodward,	W1ZEN
01-14-85	18,389	Roy F. LaViolette	W6NYF	Calabasas, CA	Gene Stephens,	KA6HOQ

SUNFLOWER CHAPTER #79

Al Unruh, W0AWP, writes of a recent Sunflower Chapter meeting at which QCWA Golden Certificates were presented to five members with more than 50 years as amateurs. Pictured below, L-R are: Richard Cobb, WOHI; Charles Straub, W0HWP; Al Unruh, W0AWP; Al Engle, W0MYM; and Bryce Bandy, W0PF (since deceased). All were, or are on the air actively.



QCWA Funtest Connection

Problem #	1	2	3	4	5
Answer	all imaginary	4	3	56 ext	3600
K40J	All artic cir	4	3	56/40	3600/4500
W5UYH	1	4	3	56/40	3600/3900
W1MVO	All imaginary	4	3	56/40	3600/4500
W1D0	All imaginary	4	3	56/40	3600/4500
W2BDE	-	4	3	56/40	3600/4500
K7BHM	-	4	3	88/72	3600/4500
W9GDF	Cold	4	3	56/40	3600/4500
W4UQ	All imaginary	4	3	56/40	3600/4500
K5AC	All imaginary	4	3	56/40	3600/4500
W2WAM	All imaginary	4	4	56/40	3600/4500
W1KUL	-	4	3	56/40	3600/4500
W9RUP	All imaginary	4	3	56/40	3600/4500
W1FTA	All imaginary	4	3	56/40	3600/4500
W20R	Far North	4	3	56/40	3600/4200

These were too easy. I'll have to make this quarter's problems a bit more difficult

/s/ Harry, W9QB

QCWA FUNTEST PROBLEMS

1. The Roman numeral M is equal to 10 to what power?
2. The odometer on Hasafisti's car shows 15,951 miles. He noticed that the number is palindromic! He also noticed that after two hours of driving, that the odometer showed a new palindromic number. How fast (average speed) was Hasafistic driving during that two hours?
3. Five apples are in a basket. How do you divide them among five hungry hams (no cutting of an apple) so that each ham receives one apple, but one apple remains in the basket?
4. "What was that number?", Hasafisti asked his wife, "I forgot to write it down." "Oh, figure it out yourself," she replied. "It's nineteen more than one perfect square, but 18 less than another perfect square." What is the number Hasafisti forgot?
5. What is the only number consisting of five (5) different digits, which is the factor of its reversal?

THE QCWA BOARD OF DIRECTORS, AT ITS WINDSOR LOCKS MEETING IN SEPTEMBER, 1984, TOOK INITIAL ACTION WHICH WOULD CHANGE THE MEMBERSHIP STATUS OF MEXICAN AND CANADIAN MEMBERS. THE CHANGE WAS TO RE-CLASSIFY THOSE MEMBERS AS "INTERNATIONAL". THIS WOULD SUBSTANTIALLY REDUCE ANNUAL MEMBERSHIP DUES AND AT THE SAME TIME ELIMINATE MAILING OF QCWA PUBLICATIONS TO OUR CANADIAN AND MEXICAN QCWA MEMBERS.

THE MATTER WAS BROUGHT UP BY A FEW CANADIAN MEMBERS WHO WERE CONCERNED ABOUT THE EXCHANGE RATE BETWEEN CANADIAN AND AMERICAN MONEY AND WHO FELT THAT THE DUES WERE, BECAUSE OF THIS, EXCESSIVE.

THE BOARD WILL CONTINUE ITS DISCUSSION IN ITS SPRING MEETING, AT DALLAS, GIVING THOUGHT TO THE PROBLEMS IN DEALING WITH CANADIAN LIFE MEMBERS AS WELL AS THOSE WHO HAVE PAID THEIR DUES AS MUCH AS THREE YEARS INTO THE FUTURE.

IF YOU HAVE COMMENT IN THIS MATTER WRITE IMMEDIATELY TO HQ, OR YOUR DIRECTOR. THE EARLIEST POSSIBLE TIME FOR THE MATTER TO BECOME FINAL WOULD BE APPROXIMATELY AUGUST 15, 1985.

FUNTEST CONNECTION (Continued)

W7CV claims that the six letters in the word "CHESTY" can be reformed into only one word. Is he correct? What is that word?

I missed VE3SB's answers this month, Hope to see you soon.

Don't forget that March 10th is the deadline for these answers.

Send all answers and correspondence to:

Harry Neben, W9QB
1151 Fairway Drive
Dunedin, FL 33528

GERMAN CHAPTER #106

In the picture below, Chapter 106 Chairman, Otto Sailer, DL8AJ, at left, presents the Golden '65' Certificate to Jean, LX1JW who, in 1983, was named QCWA Man Of The Year. The Certificate was presented at Aachen, October 7 - 9, 1984, at the QCWA Meeting held at that time.



THE LOSS OF A FRIEND is like that of a limb; time may heal the anguish of the wound, but the loss cannot be repaired.

- Southey.

QCWA

Silent Key Members

William Stackhouse	W1HXX
Harold A. Sprague	W1MED
George Nichols	W1MPJ
Joseph A. Knedlhans	W2AIQ
Earl W. Whyman	W2HB
F. Cecil Logan	W2PNW
Amory H. Waite	W2ZK
Thomas G. Eaton	VE3BU
John D. Bassett	W3CN
Harry L. Johnson	VE3FHL
J. Rene A. Levasseur	VE3FQ
Thomas I. Dean	W4DAW
H. C. Kauffman	KV4DC
Raymond L. Moore	K4DK
Walter L. O'Cain	W4DPN
Douglas F. Warner	K4EVB
James R. Crabtree	W4FHT
J. Herb Axsom	W4EJC
Nelson A. Miles	K4JHG
Ray H. Brown	K4JWI
Forrest E. Breckenridge	W4JZV
David W. Gould	W4KT
Conard J. Arrington	W4MVX
Jack Adams	W4NOK
John H. Ashley	W4OSC
Horace H. Ratcliff	W4TIE
Charles V. Wilson	KB4W
Wm. D. Sperry	K5BVP
Charles Paul Belian	W5DYV
Epps Griffin	W5HBD
Angelo Richard Cortese	W5OTD
Rollie M. Terrill	W5RC
Joe E. Stevens	W5SBF
Jim Doggett	W5URD
Bob Herndon	W5URW
J. Kirby Smith	W5YY
Harry E. Leggans	WASZYF
Ray Meyers	W6MLZ
Irv Strauber	KE6AE
Ricahrd E. Lake	W6BV
Art Murman	KA6ENH
H. W. Barner	W6FGR
George L. Meek	W6IC
Charles F. Grover	W6FM
W. W. Butchart	VE6LQ
Forrest W. Lundy	KD6MS
Leo W. Stoeckle	W6OWM
Cy Kahn	W6PXH
Ernest W. Edwards	VE7DAR
Earl L. Eggers	W3EZ
Philip Partridge	W7YV
N. A. Godwin	W8BD
Boyd Oplinger	W8DCI
Alvine B. Eastman	W8EIR
Charles T. Wycoff	W8GP
Paul K. Rosenberg	W8GXI
Gordon A. Murray	W8IDB
R. G. Allgower	W8LFH
George W. Hale	W8OA
William O. Closey	W8PHV
F. R. Greathouse	W8PZT
Samuel F. Carr	W8UGF
Paul W. Kindy	W8UKT
Henry M. Wilchek	W8OWE
Warren R. Wheeler	W8REQ
Ward Jensen	W0TLE

Thoughts on Life

Your are a child of the Universe, no less than the trees and the stars; you have a right to be here. And whether or not it is clear to you, no doubt the universe is unfolding as it should.

Therefore be at peace with God, whatever you conceive him to be, and whatever your labors and aspirations, in the noisy confusion of life, keep peace with your soul.

With all of its sham, drudgery and broken dreams, it is still a beautiful world. Be careful. Strive to be happy.

from "Desiderata"

* * *

The only thing necessary for the triumph of Evil is for good men to do nothing.

Edmund Burke

* * *

The less men think, the more they talk.

Montesquieu

* * *

The mould of a man's fortune is in his own hands.

Francis Bacon

* * *

EPITAPH:

"What you are, I once was; What I am, you soon will be."

Anon

Assembled by W4AZT

HIGHLANDS COUNTY CHAPTER 121

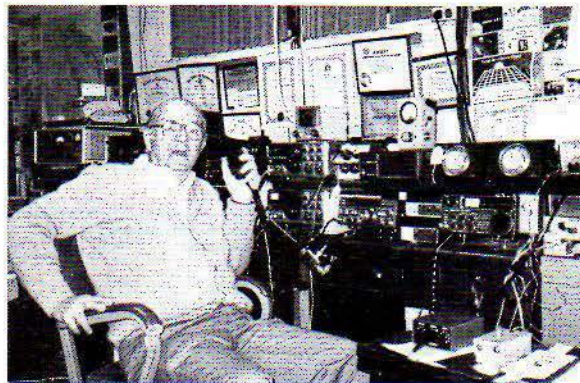
3510 Blueberry Lane
Sebring, FL 33870

Highlands County Chapter meeting featured the presentation of the Golden Certificate to Bud Buchheit, W8NBU, at right. Meg Hannon, K4HSC, at left, made the presentation.

Highlands Chapter has indicated that it tends to agree that the General license code speed of 10 wpm would be satisfactory to a majority of members of the Chapter.



- Phil, W4BCZ -

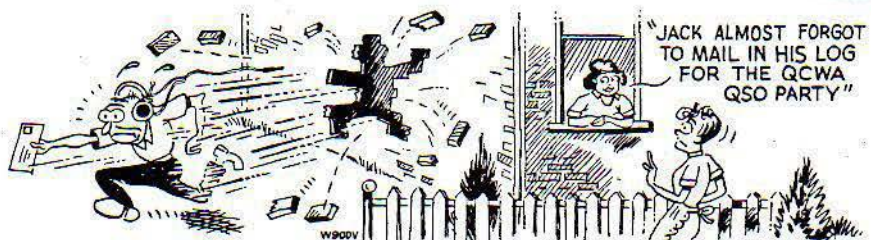


At left is shown the work position of Byron Lindsey's station which appears to be an amateurs dream. The location is Decatur, GA and the call is W4BIW, stronger than horse-radish on the Sunday afternoon QCWA get-together on 14347.

Byron has a good collection of nostalgic gear too, including a crystal set built by 4BG, in Atlanta in the early 20's. From other pictures, it appears that he has begun a fair sized

museum too. Byron was first licensed in 1931, holding the same call ever since that time. He is active on all bands, and that includes down to 70 cm too, in all modes. In the picture he is seated at the control position for his AMSAT 10 work. He is a member of Atlanta Chapter 49 and active in their affairs. Sure wish we had a layout like this one!

- Ed -



FUTRELL CO., INC.
REALTOR
FUTRELL CO., INC.
11209 So. Dixie Hwy.
Miami, Florida 33156
JOEL I. KANDEL, K14T
Realtor - Associate
Office (305) 233-4444
Res. (305) 596-9373

GLENN A. BAXTER, P.E.
Former Engineer with Collins Radio Co.
First Class Radiotelephone License
Amateur Extra Class License
Registered Professional Engineer
Amateur Call K1MAN

COLLINS

COLLINS REPAIR AND ALIGNMENT SERVICE

Long Point Lodge
Belgrade Lakes, Maine 04918
(207) 495-2215

Atlee M. Kohl
Chairman

W9LYH/5

Kohl Lane Siebens & Company
Investment Management

Telephone 214/258-0018 3007 Skyway Circle North
Irving, Texas 75038

Greetings ...

I AM **AC8K**

WHO THE HELL ARE YOU?

JIM LINGAN
1528 Hampton Road
Charleston, W. Va. 25314

ARTCOM

ARTHUR "ART" ROBERTSON
PRESIDENT

7550 W. YALE AVENUE, SUITE 130
DENVER, CO 80227

TELEPHONE
303-989-5167

K6IR

KENNETH M. MILLER
PRESIDENT AND CHIEF EXECUTIVE OFFICER

Penril Corp.

5530 RANDOLPH ROAD
ROCKVILLE, MARYLAND
20852-2661
(301) 881-8151

W40XC
DAVE MORRISON
RACONTEUR - BON VIVANT
HELL OF A NICE GUY

Office 202-692-1762 Residence 703-631-9535

(305) 294-5305

STUART T. GARRISON
CONSULTING RADIO ENGINEER

EAST COAST WIRELESS

160,000 WATTS
ADULT CONTEMPORARY

KIXI FM KIXI
Light

50,000 WATTS
MUSIC YOU REMEMBER

WALLY NELSKOG
PRESIDENT C.E.O.
W7FDQ
113 DEXTER AVE. N. SEATTLE, WA 98109
(206) 623-5494 (623-KIXI)

W6EUV
MAURICE J. HINDIN
JUDGE OF THE MUNICIPAL COURT
LOS ANGELES JUDICIAL DISTRICT

110 NORTH GRAND AVENUE
LOS ANGELES, CALIF. 90012

QCWA # 1372

AWACS AEW
CONSULTANT

W6ATC

HARRY S. GARTSMAN
PRESIDENT

HASGAR INDUSTRIES, INC.
9921 SUNSET BOULEVARD
BEVERLY HILLS, CALIFORNIA 90210 PHONE: (213) 273-1999

ASSOCIATION HEADQUARTERS
ASSOCIATION & SOCIETY MANAGEMENT

MARVIN C. ZITTING
President
W7MR

277 East 6100 South • Salt Lake City, Utah 84107
• Phone (801) 268-3000

YOUR CARD COULD BE HERE

W2KPR (201) 488-8700

SAMUELSON & JACOB
COUNSELLORS AT LAW
REGISTERED PATENT ATTORNEYS

235 MOORE STREET
P.O. BOX 686
CYRUS D. SAMUELSON HACKENSACK, N.J. 07602

YOUR CARD COULD BE HERE

The following is the rate and size schedule for QCWA NEWS PROFESSIONAL/PERSONAL CARD SECTION IN QCWA NEWS!

	PROFESSIONAL BUSINESS CARDS				PERSONAL CARDS			
FREQUENCY:	1x	2x	3x	4x	1x	2x	3x	4x
Per insert:	\$12	\$11	\$10	\$8	\$7	\$6	\$5	\$4

Barney's Antique Exchange

Managed by Barney Moffatt
W5CJZ

5714 Trail Meadow Drive, Dallas, Texas 75230

Quite a few QCWA Members are interested in the old-times and have suggested that we keep this vehicle to permit QCWA members to swap parts, information and so search for a special bit or part needed to restore, rebuild or go from scratch on old equipment. Barney's Exchange has been popular in this role for more than four years now.

Barney has kept records and corresponded as required to coordinate the whole thing. Whatever you might need in the way of parts, or information, send your requirement to Barney. He'll see that it's published herein, and help in every possible way to see you get those needed items. A few rules for operation of the exchange have been published since the beginning:

- (1) List what you have (or need) clearly
- (2) List what you will accept in trade
- (3) List your asking price if not trade is possible
- (4) If you advertise, hold merchandise for those who will read the Exchange column
- (5) Answer all inquiries

There is no cost to QCWA Members, neither QCWA, its officers, Board of Directors, manager or other agents assume responsibility for loss or misrepresentation to anyone.

NEED: Circuit diagram for ERLA 5-tube TRF receiver, Model 5-11 or S-11, SN 53374 (1924), and, the first audio transformer for the same set.

Jon Lee, W9MWR
740 Summit Street
Downers Grove, IL 60515

FOR SALE: Vintage Weston Analyzer, Model 665, Original case, needs a little work. Meter is OK. \$29 FOB my ARA.

Irv Wolfe, W5RQH
220 South Market Street
Mount Joy, PA 17552

WANT: QST for May, June & July, 1916.

Ken Miller, K6IR
16904 George Washington Dr.
Rockville MD 20853
301 774 7709

WANTED: Mint, electrically OK Collins Filter for 51J-4. Give details and price in first letter, 0.8 kc., part No. 526900700, SN 500B08

George E. Keith, W9QLZ
Rte #1, Box 171
Oglesby, IL 61348

NEED: Copy or original schematic and/or parts list for: RCA Victor Model K81 radio. Other identifying information is: Type RC 415-C1, Issue 144 8T3B, Tag #311102.

G. David Germeyer, W3BJG
306 South Baltimore Street
Dillsburg, PA 17019

FOR SALE: Atwater Kent Model 20, in good cdx, no tubes, for \$100. Would trade for 5" scope of equal value. Also, have National NC 179, with matching speaker, good cdx, operating would trade on Collins 75A4.

J. N. Meade, W9TDX
12711 Pinebrook Lane
Bayonet Point FL 33567

NEED: Schematic for McMurdo-Silver Masterpiece V, which appeared in Nov. 1936 Radio News. I will answer all responses and make a deal with who ever can supply the material

Bob Ahman, W7SC
2211 Bergeson
Boise, ID 83706

NEED INFORMATION: Have B & W 5100B transmittter and B & W 51SB single sideband generator. Need information to modify the 5100B so it will work with the 51SB generator. Will copy & return, or purchase info, as B & W can no longer supply the information

Russell R. Williams W9BXP
RR#4, Box 294
Seymour, IN 47274

FOR SALE: Instructograph Code machine with practice tapes. All in good cdx

Please contact:

Mrs. Verda E. Brown
404 Maple Street
Lohrville, IA 51453

FOR SALE: Antique receivers: SX-71, with matching spkr & manual; HR0-60 with 7 coils; BC-348 with pwr supply. All in working order, Price \$29 each, plus \$14 shipping. Collins 75A2 receiver, \$49 plus \$14 shipping. Antique "Square Cut" Vibroplexes with new cords, \$49 prepaid. Each purchaser of a "bub" will be given a "bonus" gift valued at twenty dollars. Send SASE for list of additional antique items.

Dr. W. C. Hess, W6CK
Senior Vice President
P. O. Box 19-M
Pasadena, CA 91102

WANTED: Dial scale for Philco Model 620 (1935) cathedral Radio with three bands. Original part number at the bottom is 27-5098. It is 6 & one-quarter inches in diameter

Lou Sabetto, W8ZXG
1717 Burgess Road
Cleveland, OH 44112

PINE TREE CHAPTER QCWA

Glenn, K1MAN, with his new SW-3 receiver operating SSB on "40" - you heard it right. With a regulated power supply it works! Glenn, founder & past president of Pine Tree Chapter 134, spoke about the SW-3 & xmtrs of that era at the meeting in Waterville, ME October 6. Glenn's first contact was with Syd, W2ICZ, for 14 minutes. Syd explained how he & his brother W0IAK, had to save for their SW-3 years ago. Other contacts came in quick order.

Glenn says the regenerative detector acts exactly like an SSB product detector. The regulated power supply makes the SW-3 stable enough for good SSB operation. Some old-timers claim the SW-3 was the best regen receiver ever built, designed by Jim Millen, Glenn has measured its sensitivity at 0.1 uV! One Pine Tree member commented that you could hear an ant crawling across Europe with that thing!

In the pix below, the xmtr is a 32S-1.



QCWA MEMBERSHIP INFO

Applicants for QCWA membership must have held an amateur license at least 25 years previous to and at the time of application for membership. It is not required that a license be held for the whole 25 years. Proof of eligibility must be provided. Headquarters has a library of callbooks from the old time that can be used in many cases. A request for information will bring a prompt return letter! An entry fee of \$3, is charged to each new member plus dues in accordance with the dues schedule printed on the Editors Page in this issue of QCWA NEWS.

The QCWA dues schedule permits membership fees to be paid in just about any way suitable to you.

CERTIFICATES

MEMBERSHIP CERTIFICATES, numbered in serial order are issued to each member. The numbers are never re-issued except to the same one to whom they were first issued, in the event of re-instatement of lapsed membership.

QCWA GOLDEN CERTIFICATES celebrating the 50th anniversary of licensing are issued to eligible members upon proof of such licensing. Note that members must provide proof. (Headquarters may be able to assist by use of callbooks). The GOLDEN 50 CERTIFICATE is issued upon request and without charge.

55 - 60 - 65 and 70 YEAR GOLDEN CERTIFICATES ARE NO LONGER issued by QCWA. The certificates were identical, except for the period, with the 50-YEAR CERTIFICATES, and all of the information was identical for all certificates. In 1983 the policy was changed and a special new GOLDEN 50-YEAR CERTIFICATE was prepared, having spaces for future endorsements for 55, 60, 65, 70 and 75 YEARS was prepared. These are the only endorsements issued.

THE QCWA GOLDEN CERTIFICATE ISSUED FOR 50 YEARS OF CONTINUOUS LICENSED OPERATION is available to eligible members of QCWA upon request, proof of licensing and a fee of \$5. The request must be accompanied by a listing of all calls held, the years held, so that the record may be checked by HQ. It is for this reason that the charge is made.

THE QCWA CENTURY CLUB CERTIFICATE is issued to those QCWA members meeting the following requirements: the members age plus the number of years he has been a member of QCWA in good standing must equal 100 or more. Upon satisfactory proof, Headquarters will issue the CENTURY CLUB CERTIFICATE showing the grade (number of years total) as of the time of issuance. There is no charge for the Certificate.

OPERATING AWARD CERTIFICATES

QCWA OPERATING AWARD CERTIFICATES ARE ISSUED TO QCWA MEMBERS BY THE OPERATING ACTIVITIES MANAGER. (See Frontpiece) PROOF OF ELIGIBILITY IS REQUIRED.

QCWA WORKED 50 STATES CERTIFICATES are issued to QCWA members who have contacted members in each state of the Union. Applications must be accompanied by proof.

QCWA WORKED 100 MEMBER CERTIFICATES are issued to QCWA members upon proof of eligibility.

QCWA WORKED 60 CHAPTER CERTIFICATES are issued to QCWA members upon proof of eligibility.

QCWA WORKED 500 MEMBER CERTIFICATES are issued to QCWA members upon proof of eligibility.

QCWA ANNUAL QSO PARTIES: A plaque is issued on behalf of QCWA to the high scorer in both the CW and PHONE Parties. The plaque is inscribed with the winners name and year of competition

The following supplies may be purchased by QCWA Members:

QCWA Lapel Pin, Gold plated, with call engraved (Clutch pin, pin clasp, or screw button types)	\$7.00*
QCWA Lapel Pin, 50 Year, clutch type only	\$7.00*
QCWA Lapel Pin, 55 Year, clutch type only	\$7.00*
QCWA Lapel Pin, 60 Year, clutch type only	\$7.00*
QCWA Lapel Pin, 65 Year, clutch type only	\$7.00*
QCWA Lapel Pin, 70 Year, clutch type only	\$7.00*
Blazer Emblem 3 x 4 inch, embroidered	\$3.50*
450 Red QCWA Stamps, Regular Membership	\$2.75*
450 Gold QCWA Stamps, Life Membership	\$3.75*
240 Yellow, 50 Years in Amateur Radio Stamps	\$2.00*
QCWA Logo on rubber stamp	\$5.00*
QCWA Automobile decal	\$0.50*

*Prices for domestic members...International QCWA members to add \$0.50 for added postage costs.

QCWA BANNERS, 30 x 48 inch, Storm King Cotton, \$100.00 cost shared equally with QCWA Chapters. Chapters with 50 or more members may receive a banner at no cost, upon application \$100.00

ORDER BLANK

QCWA Headquarters
1409 Cooper Drive
Irving, TX 75061

Date _____

Please send the following QCWA Supplies:

_____ \$ _____
_____ \$ _____
_____ \$ _____

Send to: _____ Name _____ Call _____ QCWA No. _____

Address _____ Street _____ City _____ State _____ Zip _____

Note that supplies cannot be issued to ineligible members...50-Year pins can only be issued to members who have been awarded a Golden Certificate, etc.

CHAPTER SECRETARIES PLEASE NOTE:

QCWA HQ WILL, AT THE REQUEST OF A CHAPTER SECRETARY, PROVIDE A COMPLETE LIST OF QCWA MEMBERS RESIDING IN AN NEAR YOUR CITY. REQUEST THE ZIP-CODE LIST AND AT THE SAME TIME PLEASE GIVE THE RANGE OF ZIP-CODE NUMBERS WHICH ARE NEEDED. WE WILL PROVIDE THE LISTING AS PROMPTLY AS POSSIBLE.

QCWA, Inc.

1409 Cooper Drive
IRVING, TX 75061

